



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

US Aluminum (TX) – Division of C.R. Laurence Co., Inc.

2503 E. Vernon Avenue

Los Angeles, CA 90058

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "IG-500/IG-600 Storm Front" Outswing Aluminum Storefront Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. 08-00860, titled "Series IG500/IG600 Storm Front OS Aluminum Storefront Door System - LMI", sheets 1 through 14 of 14, dated 09/16/09, with revision B dated 04/06/15, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA No. 09-1015.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



MP
2/11/16

NOA No. 15-0519.03
Expiration Date: March 17, 2020
Approval Date: February 18, 2016
Page 1

US Aluminum (TX) – Division of C.R. Laurence Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 09-1015.04)
2. Drawing No. **08-00860**, titled "Series IG500/IG600 Storm Front OS Aluminum Storefront Door System - LMI", sheets 1 through 14 of 14, dated 09/16/09, with revision B dated 04/06/15, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Large Missile Impact Test, TAS PA 201-94
5) Cyclic Loading Test, per FBC TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with installation diagram of aluminum storefront system and storefront door system, marked-up by American Test Lab, Inc. North, Test Report No. **ATLNC-0724.01-06**, dated 05-22/07, with addenda #1 and #2 dated 5/31/07 and 10/08/09 respectively, all signed and sealed by David Wesley Johnson, P.E.
(Submitted under previous NOA No. 09-1015.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 04/06/15, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0519.03

Expiration Date: March 17, 2020
Approval Date: February 18, 2016

US Aluminum (TX) – Division of C.R. Laurence Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with FBC 5th Edition (2014), and of no financial interest, dated April 6, 2015, issued, signed and sealed by Luis R. Lomas, P.E.

G. OTHERS

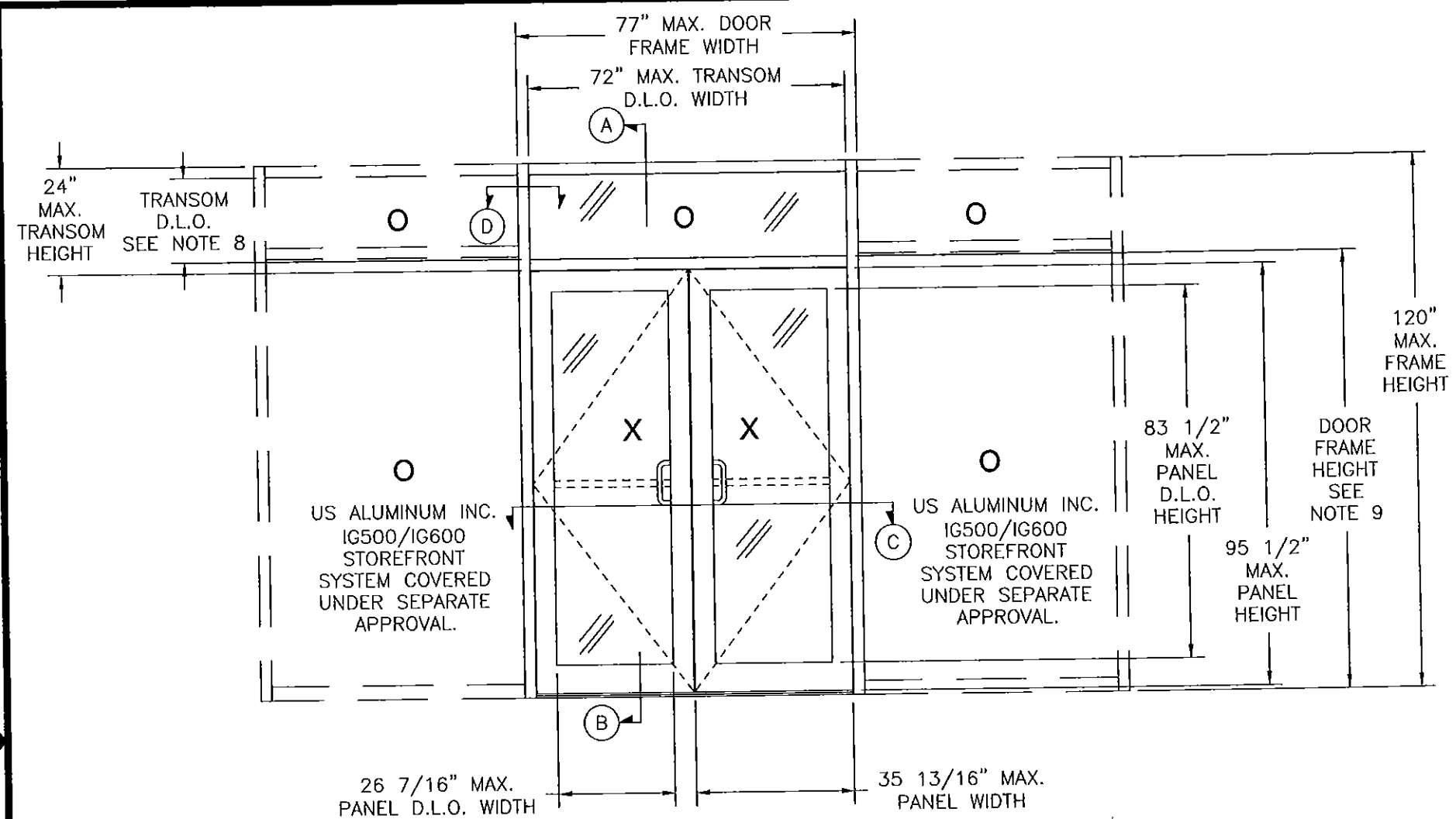
1. Notice of Acceptance No. 09-1015.04, issued to United States Aluminum Corporation for their Series "IG-500/IG-600 Storm Front" Outswing Aluminum Storefront Door - L.M.I., approved on 03/17/10 and expiring on 03/17/15.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0519.03

Expiration Date: March 17, 2020
Approval Date: February 18, 2016

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 2. WOOD FRAMING, STEEL FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 3. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 4. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T5 .080" THICK.
 5. UNITS MUST BE GLAZED PER ASTM E1300-04. THIS IS A DRY GLAZED SYSTEM. SEE SHEET 4 FOR GLAZING DETAILS
 6. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS ON INSTALLATIONS UP TO 30' ABOVE GRADE.
 7. DOORS MAY BE LEFT HAND OUTSWING OR RIGHT HAND OUTSWING.
 8. MAXIMUM TRANSOM D.L.O.:
 SERIES IG500: 18 1/16"
 SERIES IG600: 19"
 9. MAXIMUM DOOR FRAME HEIGHT.:
 SERIES IG500: 99 7/16"
 SERIES IG600: 98 1/2"
 10. HINGE LOCATIONS FROM BOTTOM OF PANEL UP TO BOTTOM OF HINGE:
 FIRST HINGE = 6"
 SECOND HINGE = 45 1/2"
 THIRD HINGE = 84 15/16"

SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT
DOUBLE DOOR WITH TRANSOM
 EXTERIOR VIEW

UNITS INSTALLED WITH WATER THRESHOLD, ITEMS #5 AND #6

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT

UNITS INSTALLED WITH AIR SILL, ITEM #7

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

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SHEET NO.	DESCRIPTION
1	ELEVATIONS AND NOTES
2	ADDITIONAL APPROVED CONFIGURATIONS
3	ANCHORING LAYOUT AND NOTES
4	BILL OF MATERIALS AND GLAZING DETAILS
5 - 6	CROSS SECTIONS
7 - 10	INSTALLATION DETAILS
11 - 13	COMPONENTS
14	PANEL AND FRAME ASSEMBLY DETAILS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0519.03
 Expiration Date March 17, 2020
 By *Manuel Perez*
 Miami Dade Product Control

US ALUMINUM

DIVISION OF C.R. LAURENCE CO., INC.

2503 E. VERNON AVE, LOS ANGELES, CA 90058

SERIES IG500/IG600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM - LMI

ELEVATION AND NOTES

DRAWN: TJH

DWG NO. 08-00860

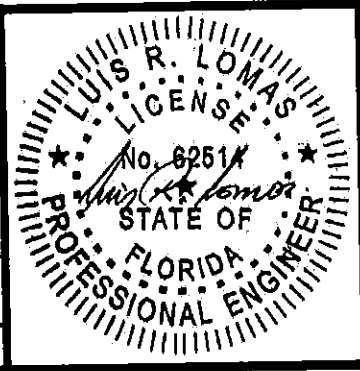
REV B

SCALE NTS

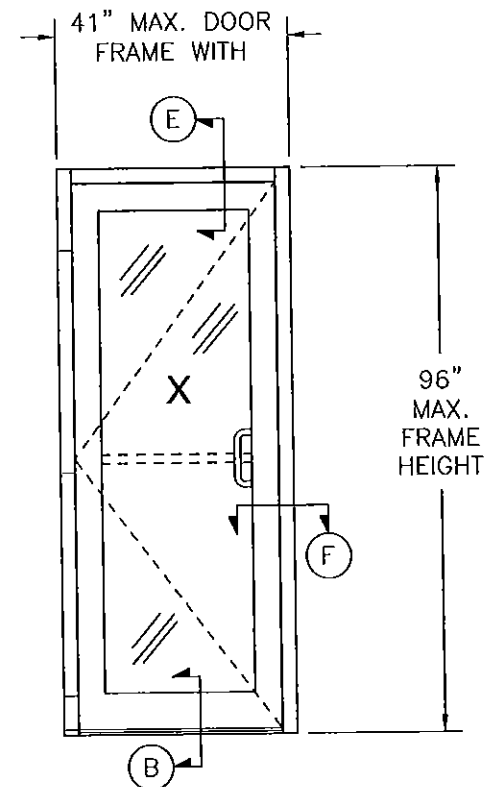
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SHEET 1 OF 14

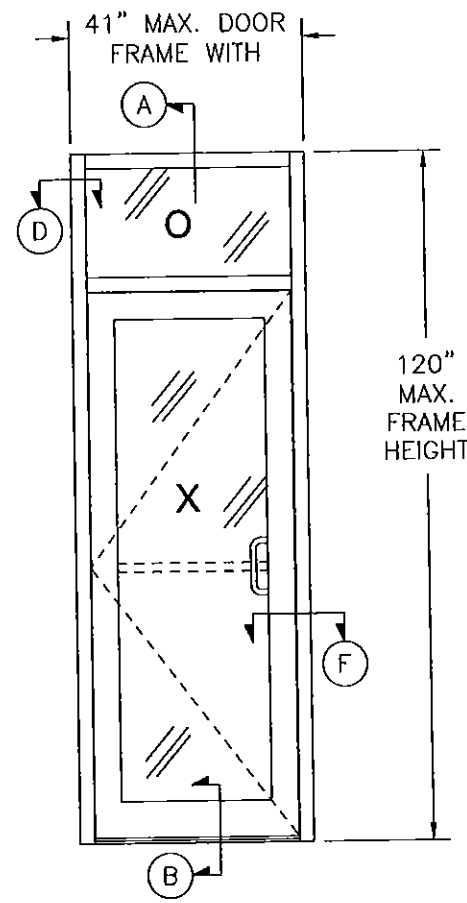
SIGNED: 02/03/2016



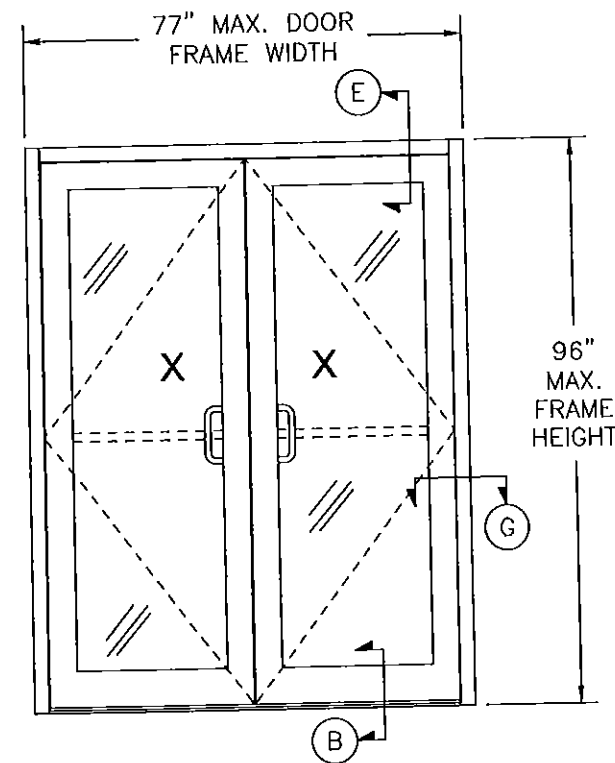
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



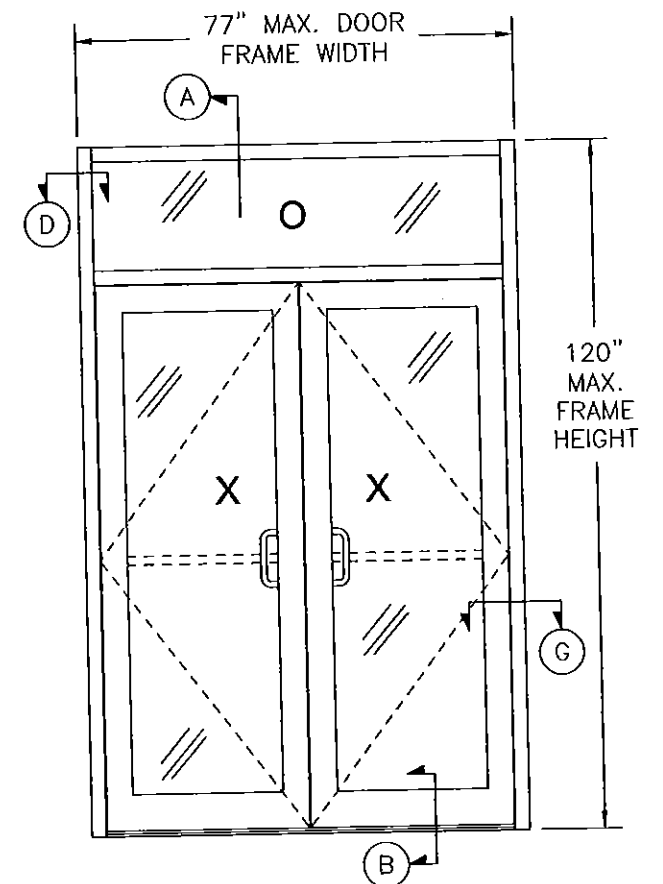
SINGLE



SINGLE W/TRANSOM



DOUBLE



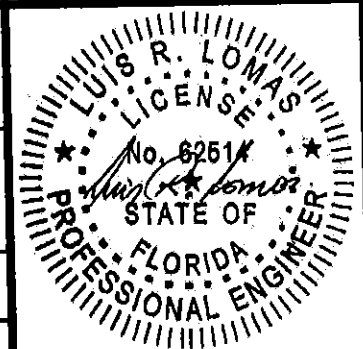
DOUBLE W/TRANSOM

HARDWARE SCHEDULE	
A.	JACKSON 1285 LOCKS
B.	LCN 4111 CLOSER
C.	JACKSON 1285 PANIC BAR
D.	LCN 1461 SURFACE CLOSER
E.	JACKSON 20-330 OHCC CLOSER
F.	LCN 2030 CLOSER
G.	ADAMS RITE G86 PANIC BAR
H.	IVES FLUSH BOLTS
I.	CR LAWRENCE SURFACE CLOSER
J.	US ALUMINUM FLUSH BOLTS
K.	(3) 1 1/2" HAGER BUTT HINGES

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **15-0519.03**
Expiration Date **March 17, 2020**
By **Mannick Zar**
Miami Dade Product Control

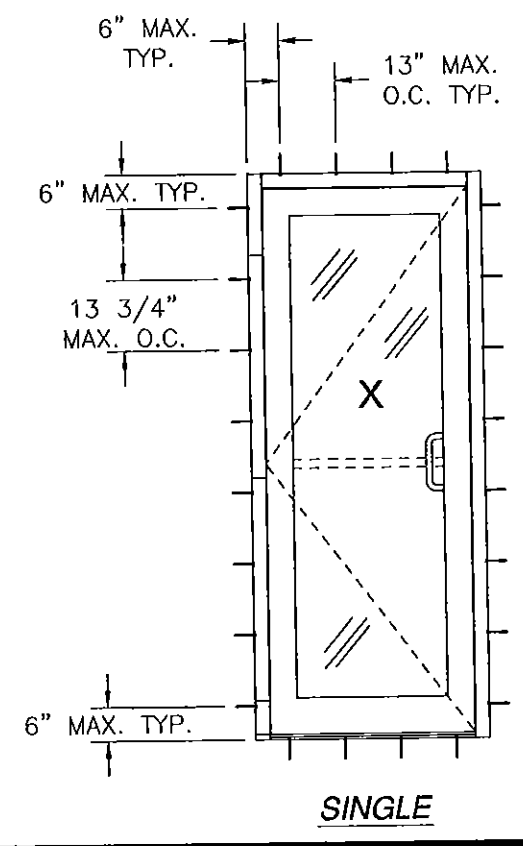
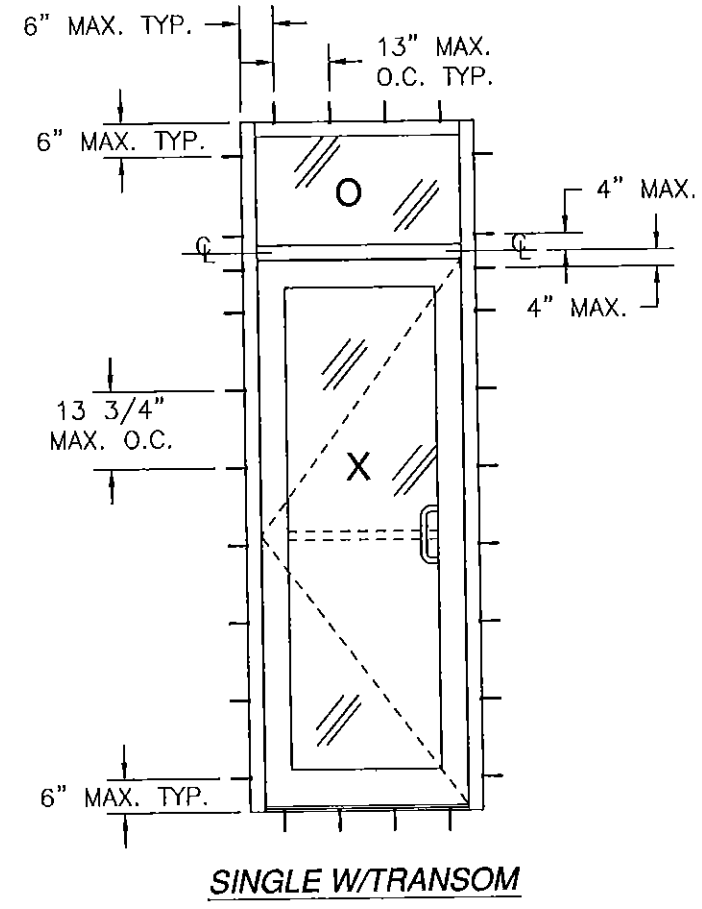
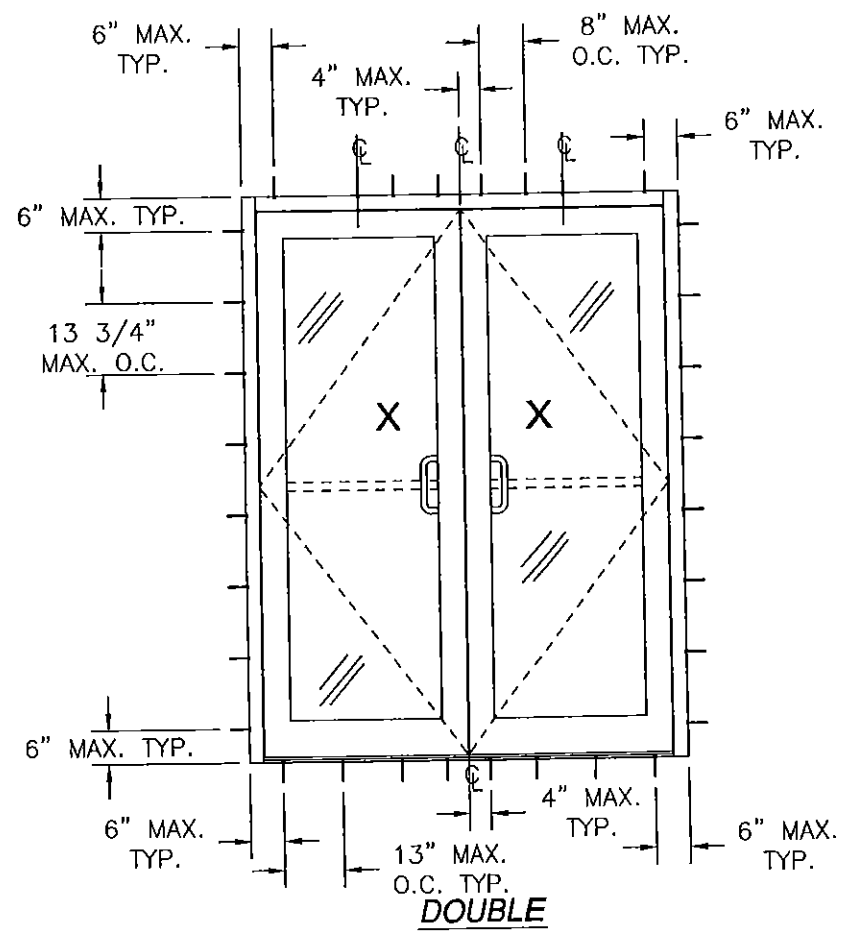
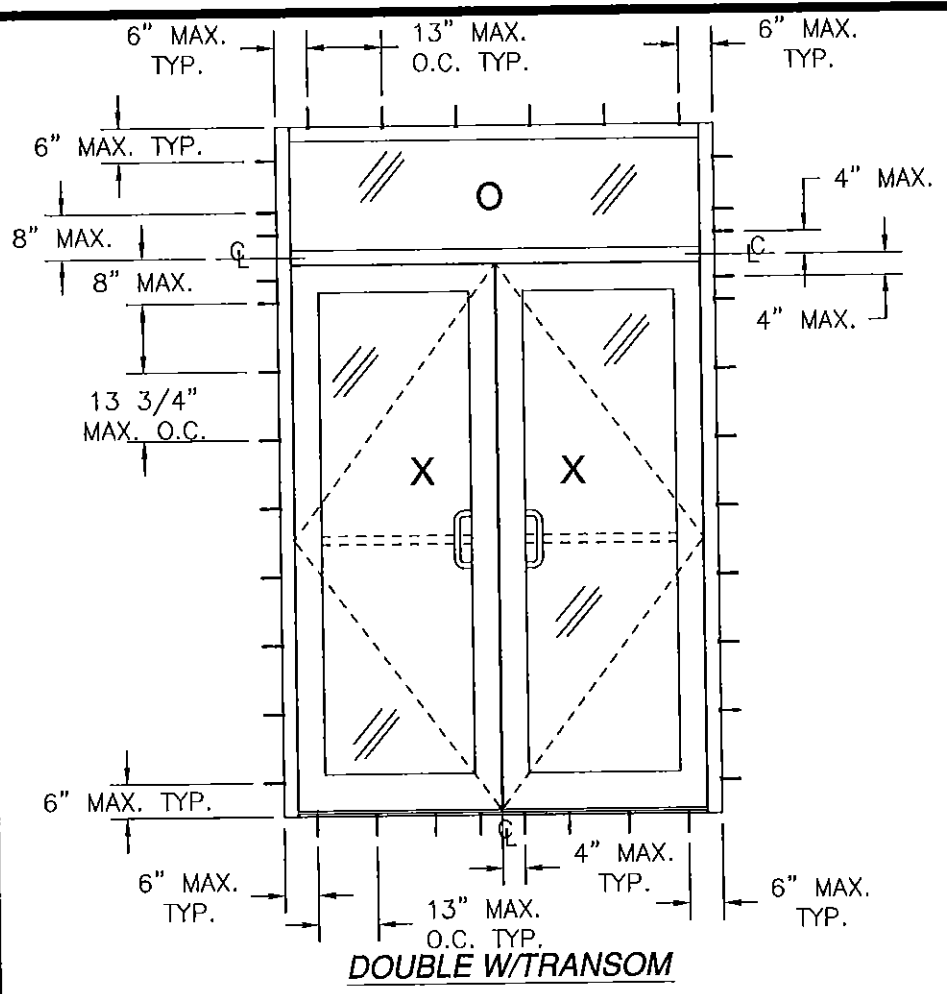
US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 2503 E. VERNON AVE, LOS ANGELES, CA 90058		
SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI ADDITIONAL APPROVED CONFIGURATIONS		
DRAWN: TJH	DWG NO. 08-00860	REV B
SCALE NTS	DATE 09/16/09	SHEET 2 OF 14

SIGNED: 02/03/2016



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.

- 1) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2".
- 2) FOR ANCHORING HEAD AND AIR SILL TO CONCRETE USE 1/4" ELCO ULTRACON TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE.
- 3) FOR ANCHORING WATER THRESHOLD INTO CONCRETE USE 3/8" POWER-BOLT ANCHORS WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 4 1/2" MINIMUM EDGE DISTANCE.
- 4) FOR ANCHORING JAMBS INTO MASONRY/CONCRETE USE 1/4" ELCO ULTRACON TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE.
- 5) FOR ANCHORING HEAD AND JAMBS INTO WOOD FRAME USE #14 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE.
- 6) FOR ANCHORING HEAD AND JAMBS INTO STEEL FRAME USE #14 TEK SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM EMBEDMENT BEYOND STEEL FRAMING.
- 7) FOR ANCHORING SILL INTO STEEL FRAME USE 3/8" SELF TAPPING SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM EMBEDMENT BEYOND STEEL FRAMING.
- 8) ALL FASTENERS TO BE CORROSION RESISTANT.
- 9) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 D. STEEL FRAMING - 16GA. (.063") MINIMUM STEEL STUD.
- 10) ALL DISSIMILAR MATERIALS MUST BE SEPARATED PER STANDARD INSTALLATION PRACTICES.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **15-0519.03**
Expiration Date **12/31/2020**
By *Manuel Perez*
Miami/Dade Product Control

US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90058

SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM - LMI
ANCHORING LAYOUT AND NOTES

SIGNED: 02/03/2016

DRAWN: TJH	DWG. NO. 08-00860	REV B
SCALE NTS	DATE 09/16/09	SHEET 3 OF 14

PARTS LIST					REVISIONS			
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL	REV	DESCRIPTION	DATE	APPROVED
1	IG526	MAIN FRAME - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
2	IG626	MAIN FRAME - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.
PARTS LIST					PARTS LIST			
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL	NO.	PART NUMBER	DESCRIPTION	MATERIAL
3	IG577	HORIZONTAL MULL - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	41	IE450	LOCK STILE - 9/16" GLASS	US ALUMINUM
4	IG677	HORIZONTAL MULL - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	42	IE550	LOCK STILE - 1 5/16" GLASS	US ALUMINUM
5	IG570	SUB-SILL	US ALUMINUM	ALUMINUM 6063-T5	43	IE460	LOCK STILE - 9/16" GLASS	US ALUMINUM
6	TH800	WATER THRESHOLD	US ALUMINUM	ALUMINUM 6063-T5	44	IE560	LOCK STILE - 1 5/16" GLASS	US ALUMINUM
7	TH811	AIR SILL	US ALUMINUM	ALUMINUM 6063-T5	45	NP802	DOOR WEATHERSTRIP	US ALUMINUM
8	IG524	FILLER VERTICAL - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	46	CB802	SHEAR CHANNEL	US ALUMINUM
9	IG624	FILLER VERTICAL - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	47	1285	PANIC BAR	JACKSON
10	IG563	STOP - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	48	G86	PANIC BAR	ADAMS RITE
11	IG663	STOP - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	49	4111	CLOSER	LCN
12	IG100	FILLER JAMB/HEAD	US ALUMINUM	ALUMINUM 6063-T5	50	1461	SURFACE CLOSER	LCN
13	EC801	SUB-SILL END DAM	US ALUMINUM	A-245	51	20-330	OHCC CLOSER	JACKSON
14	IE402	TOP RAIL - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	52	2030	OHCC CLOSER	LCN
15	IE502	TOP RAIL - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	53	CL045	SURFACE CLOSER	CR LAWRENCE
16	IE050	DOOR GLASS STOP - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	54		FLUSH BOLT	US ALUMINUM
17	IE150	DOOR GLASS STOP - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	55		FLUSH BOLT	IVES
18	IE401	BOTTOM RAIL - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	56		STANDARD LOCK	
19	IE501	BOTTOM RAIL - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5	57		1 1/2" BUTT HINGE PAIR	HAGER
20	NP801	DOOR WEATHERSTRIP	US ALUMINUM		58	CB801	2 3/8" CORNER BLOCK	US ALUMINUM
21	NP825	EXTERIOR GASKET	TREMCO	EDPM 70 DUROMETER	59	ST197	#8 x 3/8" PH SMS	
22	NP826	INTERIOR GASKET	TREMCO	EPDM SPONGE	60	DN350	LOCK STILE CAP	US ALUMINUM
23	SB916	SETTING BLOCK - 9/16" GLASS	US ALUMINUM	EPDM	61	IG200	DOOR STOP	US ALUMINUM
24	SB917	SETTING BLOCK - 1 1/4" GLASS	US ALUMINUM	EPDM	62	IG567	HORIZONTAL MULL - 9/16" GLASS	US ALUMINUM
25	ST266	#12 x 1" HWH SMS			63	IG667	HORIZONTAL MULL - 1 5/16" GLASS	US ALUMINUM
26	ST268	#12 x 3/4" HWH SMS			64	CB901	CORNER BLOCK	US ALUMINUM
27		LARGE MISSILE IMPACT GLASS			65		3/8" - 16 x 3" HH BOLT	
28		8GA. STEEL STIFFENER HEAVY	US ALUMINUM	A36 MILD STEEL	66	TC800	11GA. THRESHOLD CLIP	US ALUMINUM
29	WB600	W BLOCK .688" WIDE			67		#12-24 x 1/4" SCREW	COLD ROLLED STEEL
30	ST035	#10 x 5/8" FH SMS						
31	DOW995	SILICONE SEALANT	DOW CORNING	SILICONE				
32	CB801	6 1/8" CORNER BLOCK	US ALUMINUM					
33	TH804	SILL INSERT	US ALUMINUM	ALUMINUM 6063-T5				
34	D916	SETTING BLOCK	US ALUMINUM	EPDM				
35	IE420	PLAIN STILE - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5				
36	IE520	PLAIN STILE - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5				
37	IG046	DOOR STOP - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5				
38	IG146	DOOR STOP - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5				
39	IG047	STOP RETAINER - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5				
40	IG147	STOP RETAINER - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5				

9/16" O.A. THICKNESS

1/4" HS

EXTERIOR

INTERIOR

9/16" GLASS BITE

21

22

23

GLAZING DETAIL "A"

9/16" LAMINATED GLASS

1 5/16" O.A. THICKNESS

1/4" HS

1/4" HS

EXTERIOR

INTERIOR

9/16" GLASS BITE

21

22

24

GLAZING DETAIL "B"

1 5/16" IGU LAMINATED GLASS

SIGNED: 02/03/2016

PRODUCT REVISED as complying with the Florida Building Code

Acceptance No. 15-0519.03

Expiration Date March 17, 2020

By Manuel Perez

Miami Dade Product Control

US ALUMINUM

DIVISION OF C.R. LAURENCE CO., INC.

2503 E. VERMON AVE, LOS ANGELES, CA 90058

SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI

BILL OF MATERIALS AND GLAZING DETAILS

DRAWN: TJH

DWG NO. 08-00860

REV B

SCALE NTS

DATE 09/16/09

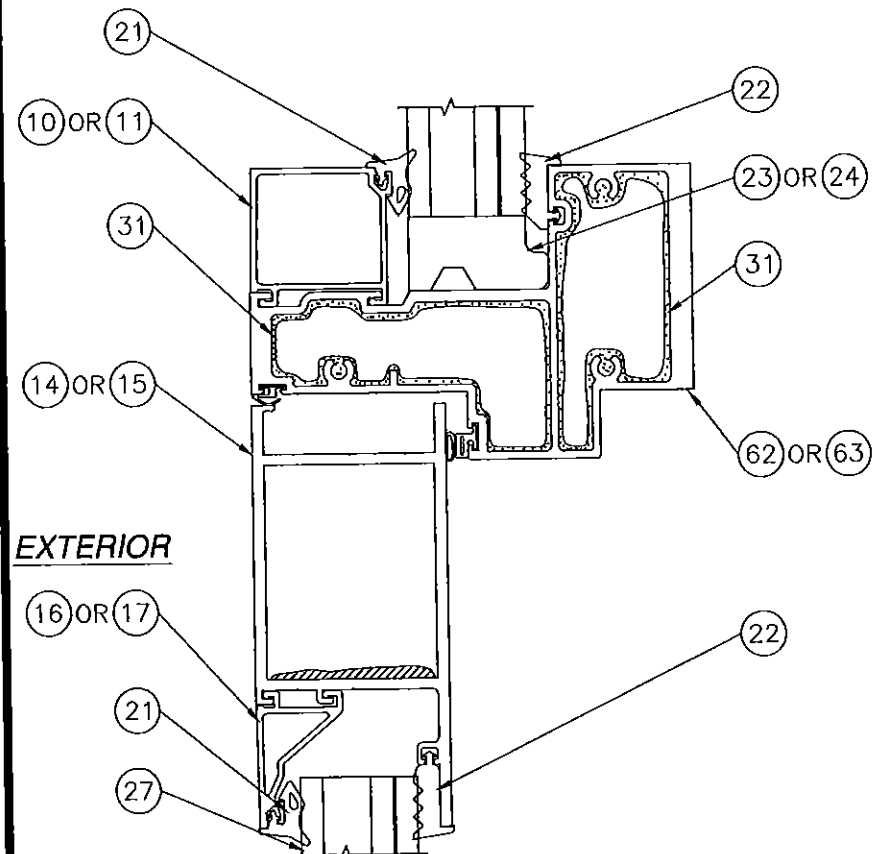
SHEET 4 OF 14

LUIS R. LOMAS

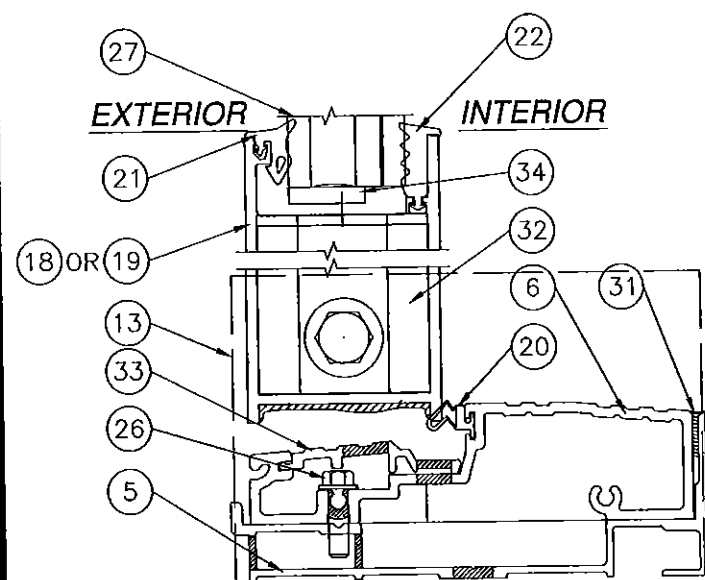
PROFESSIONAL ENGINEER

STATE OF FLORIDA

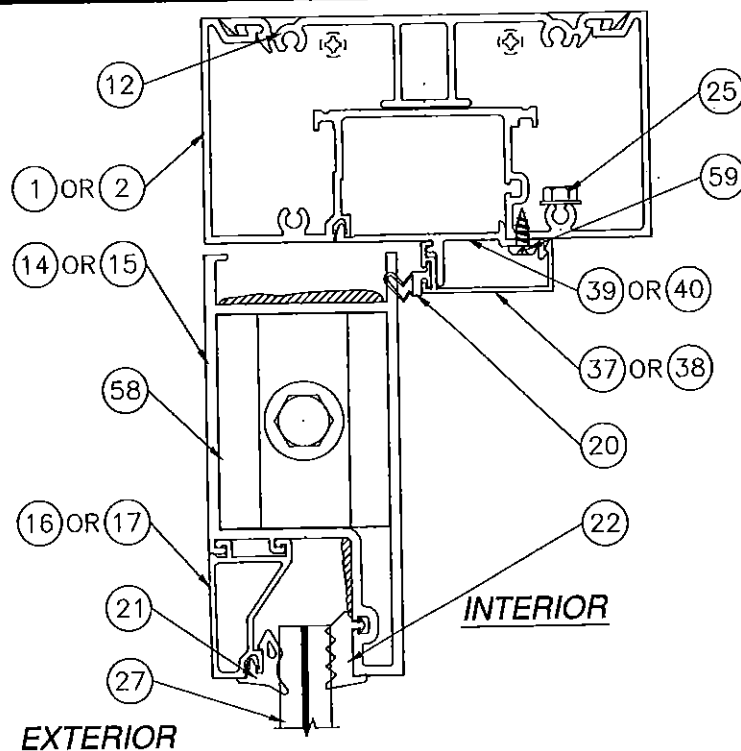
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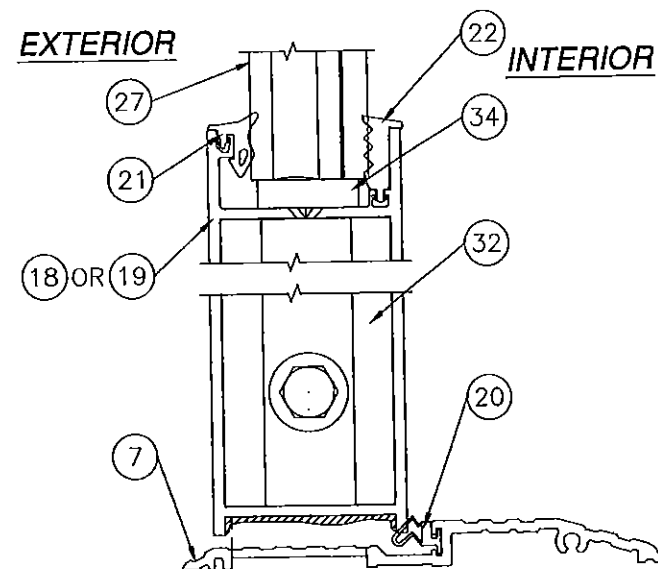
(H) OPTIONAL DOOR HEADER AND TRANSOM



(B) DOOR WITH WATER THRESHOLD



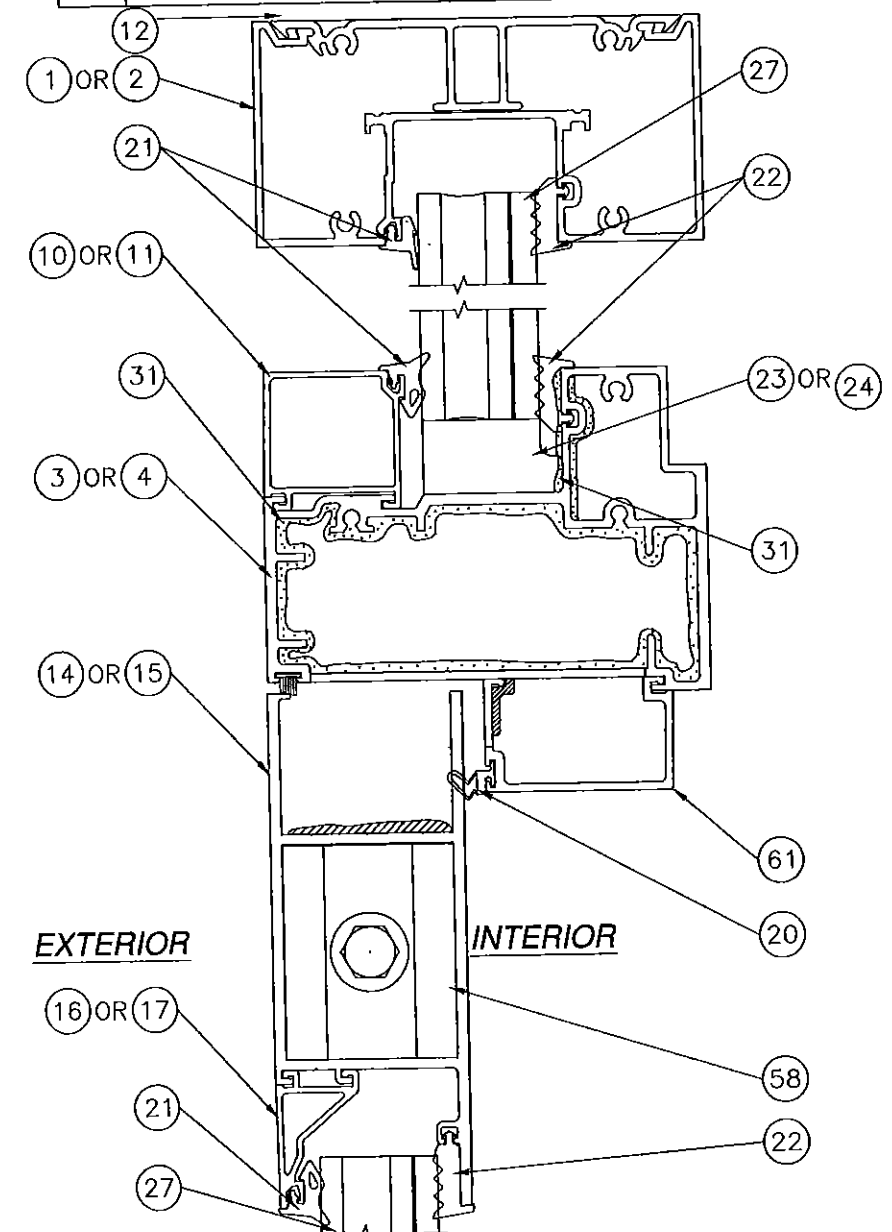
(E) DOOR HEADER



(B) DOOR WITH AIR SILL

NOTE: FOR ANCHORING TO
SUBSTRATE SEE SHEETS
7 THRU 10.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.

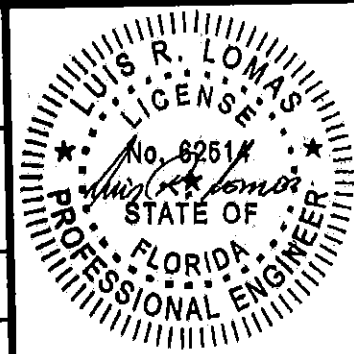


(A) DOOR HEADER AND TRANSOM
FOR OPTIONAL HEADER AND TRANSOM SEE DETAIL H
SIGNED: 02/03/2016

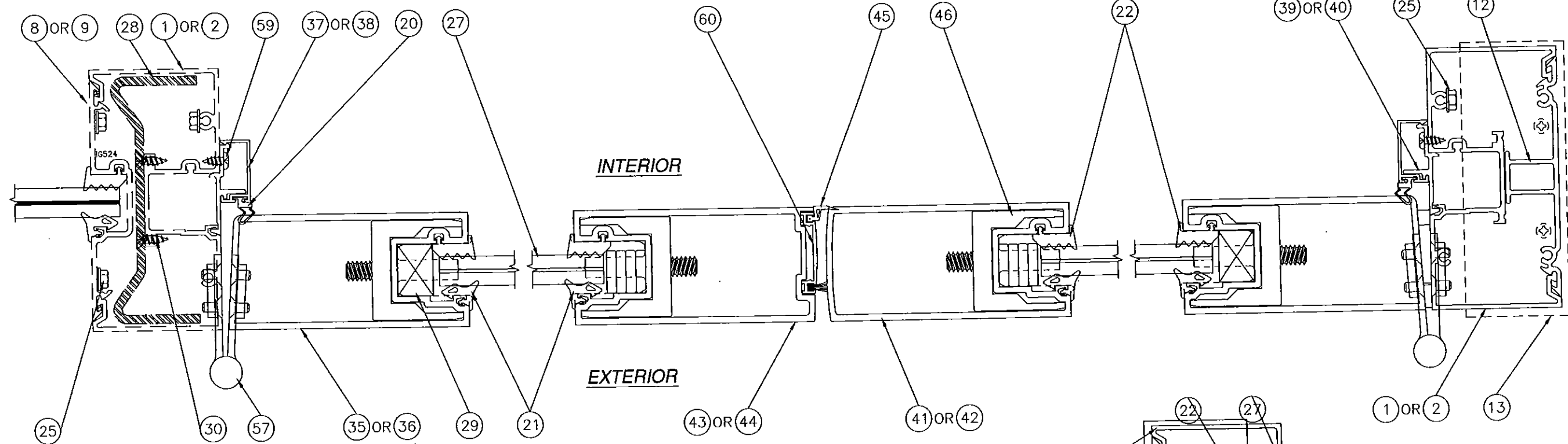
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US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90058
SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM - LMI
CROSS SECTIONS

DRAWN: TJH
SCALE NTS
DWG NO. 08-00860
DATE 09/16/09
REV B
SHEET 5 OF 14

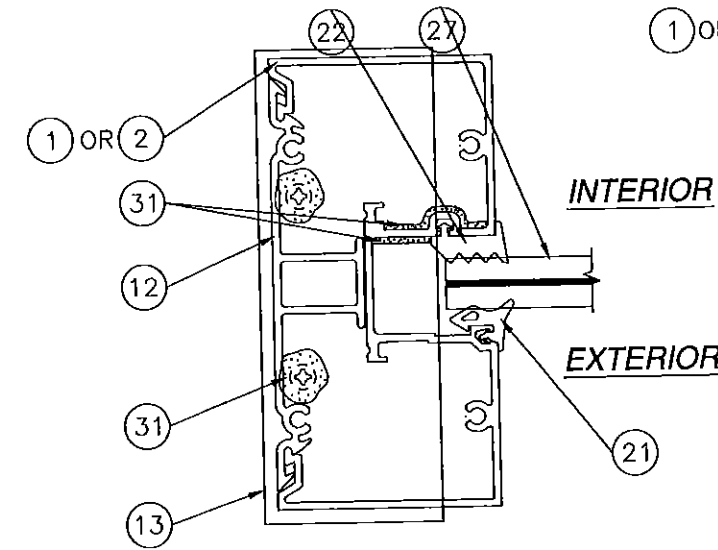


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.

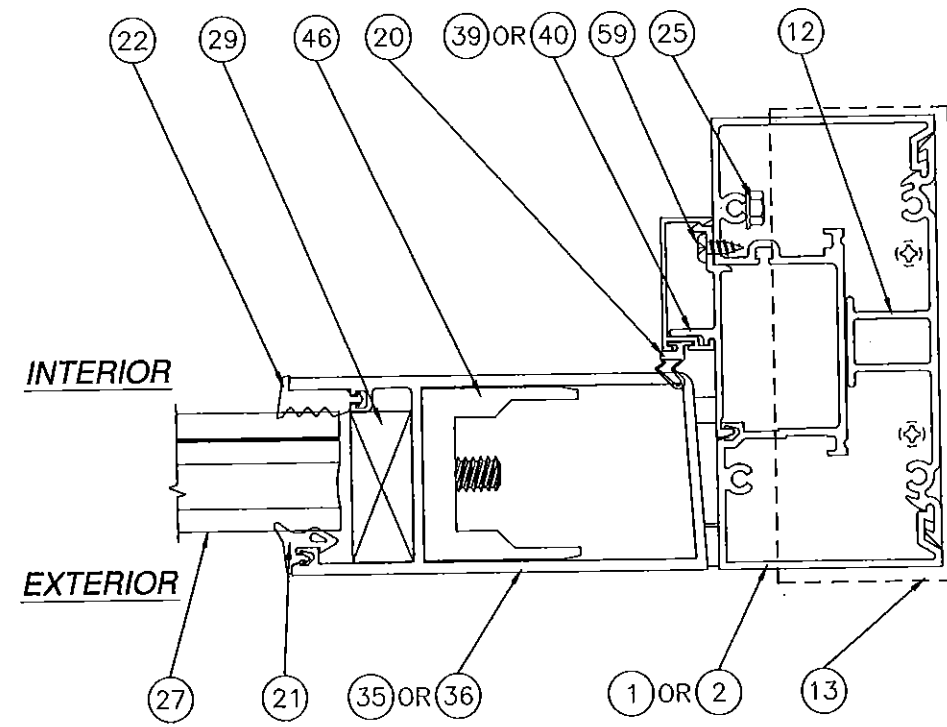


MULLION ASSEMBLY PROPERTIES
 TOTAL Ix (IN TERMS OF ALUMINUM): 16.754 in
 Sx ALUMINUM: 2.115 in
 Sx STEEL: 4.889 in

(C) **DOUBLE DOOR**



(D) **TRANSOM JAMB**



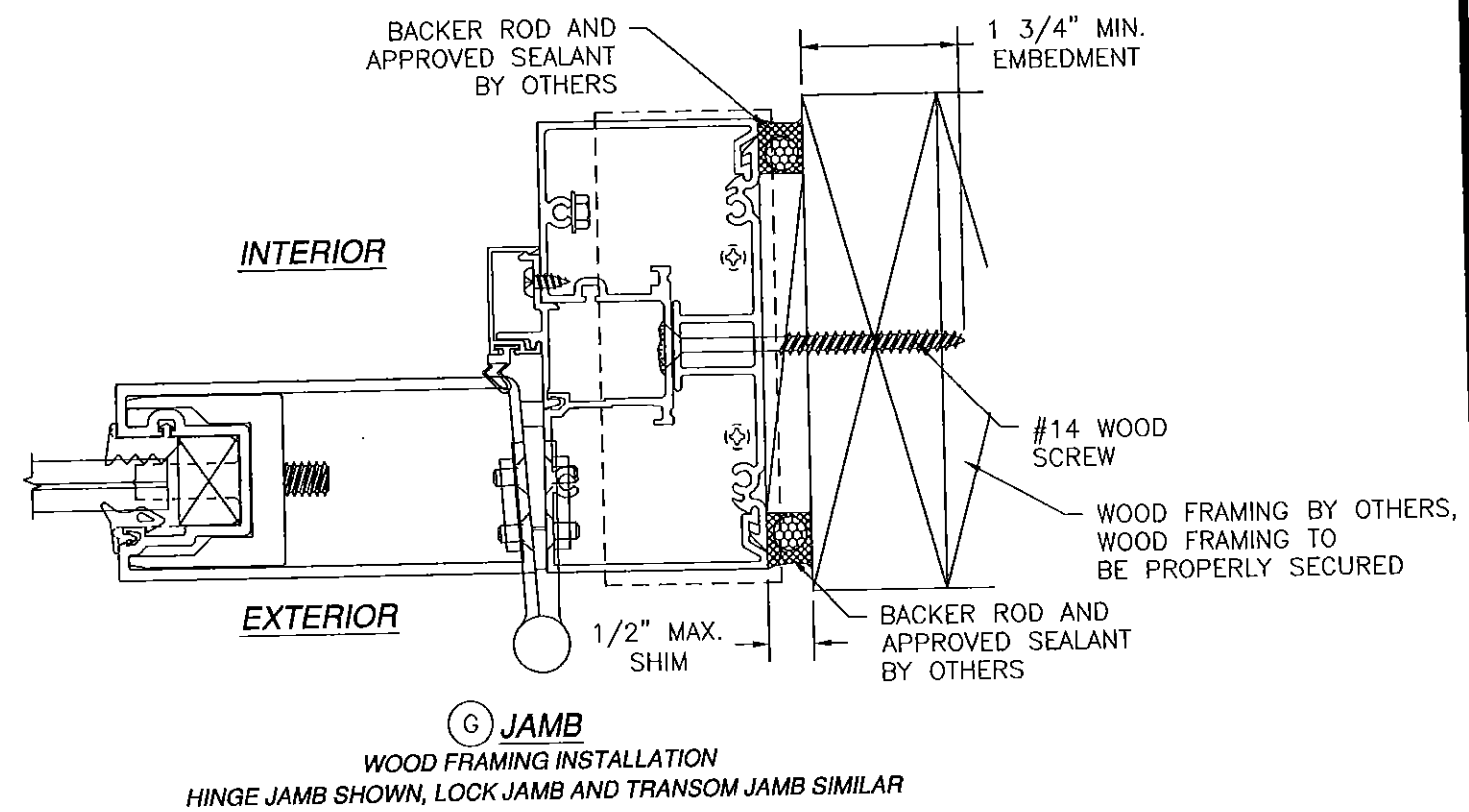
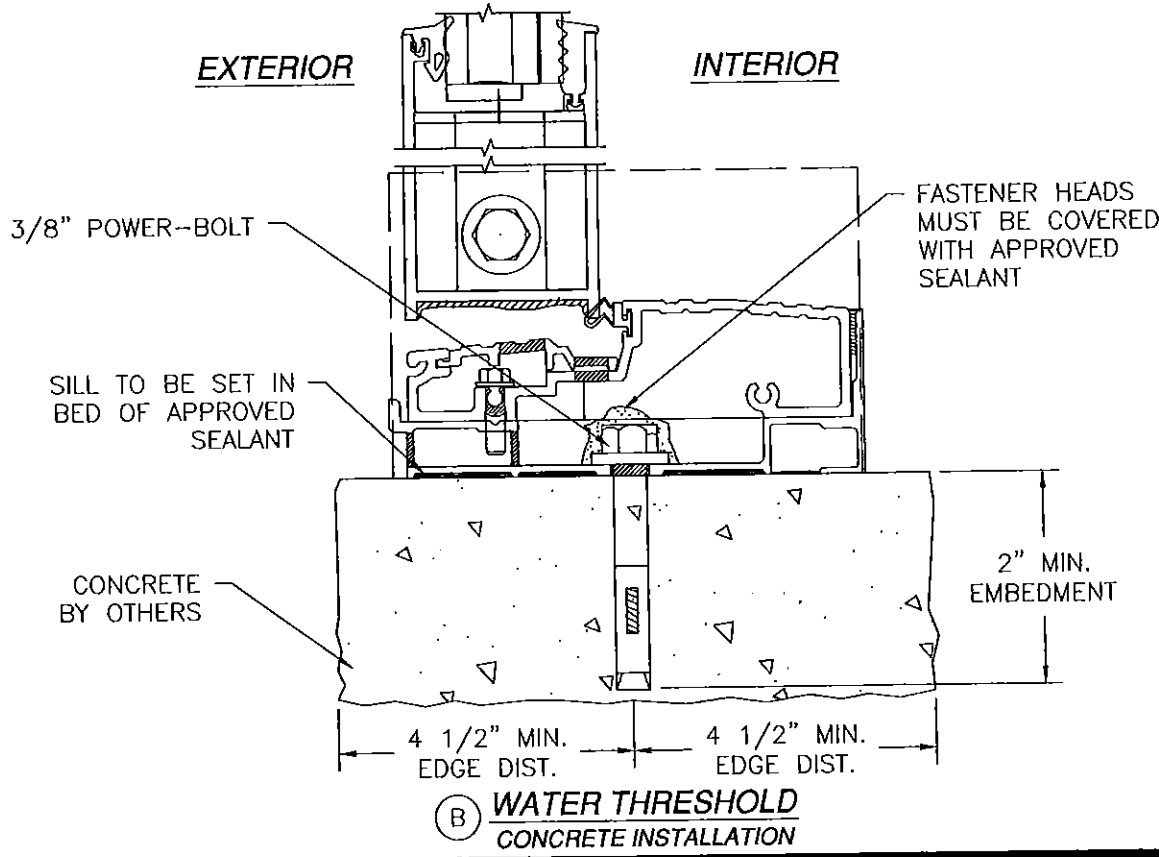
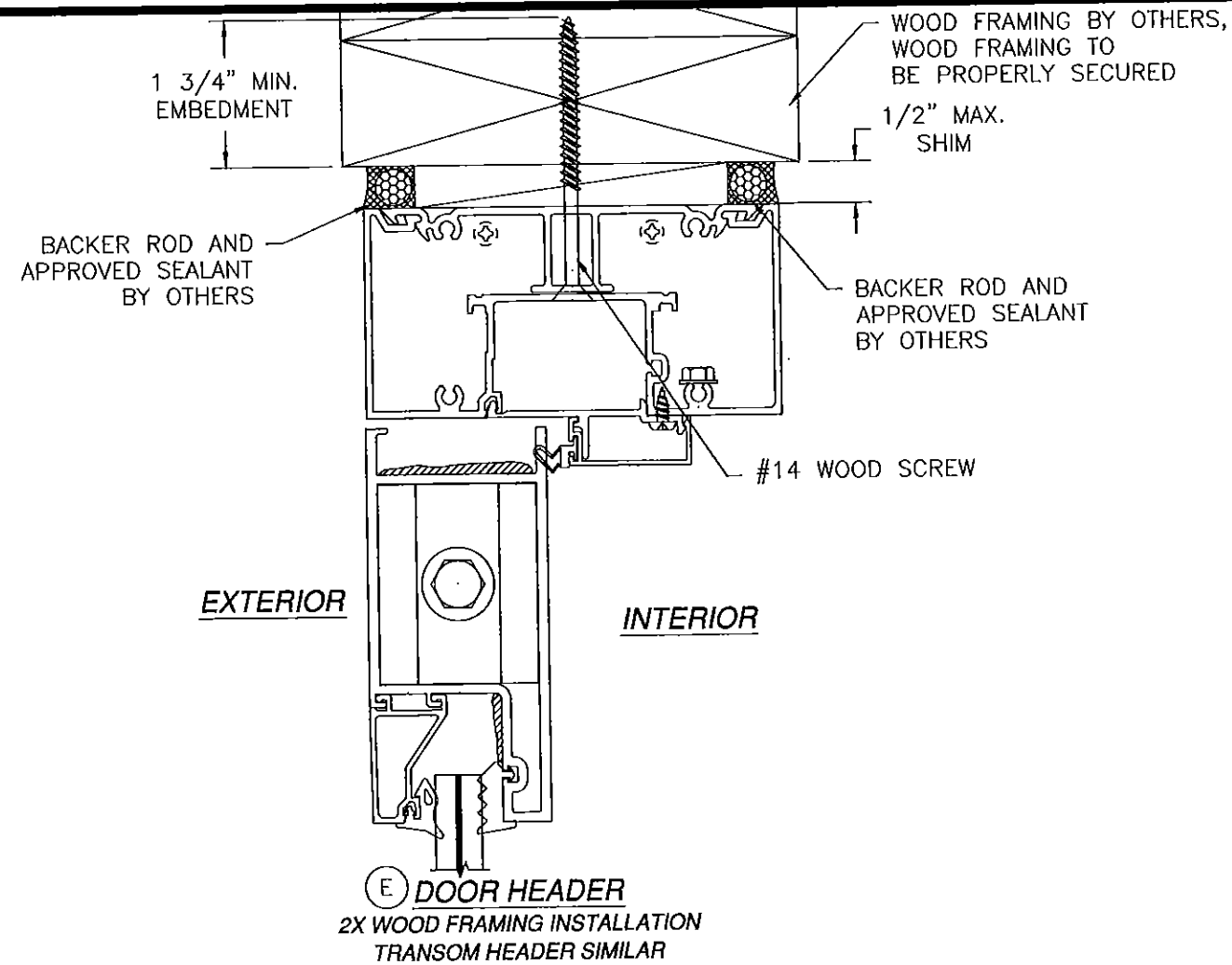
(F) **LOCK STILE TO JAMB**

NOTE: FOR ANCHORING TO
 SUBSTRATE SEE SHEETS
 7 THRU 10.

SIGNED: 02/03/2016

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0519.03 Expiration Date March 17, 2020 By <i>Manuel Perez</i> Miami Dade Product Control		US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 2503 E. VERNON AVE, LOS ANGELES, CA 90058		
		SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI CROSS SECTIONS		
DRAWN: TJH	DWG NO. 08-00860	REV B		
SCALE NTS	DATE 09/16/09	SHEET 6 OF 14		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



PRODUCT REVISED as complying with the Florida Building Code

Acceptance No. **15-0519.03**

Expiration Date **March 17, 2020**

By *Manuel Perez*

Miami Dade Product Control

US ALUMINUM

DIVISION OF C.R. LAURENCE CO., INC.

2503 E. VERNON AVE, LOS ANGELES, CA 90058

SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI

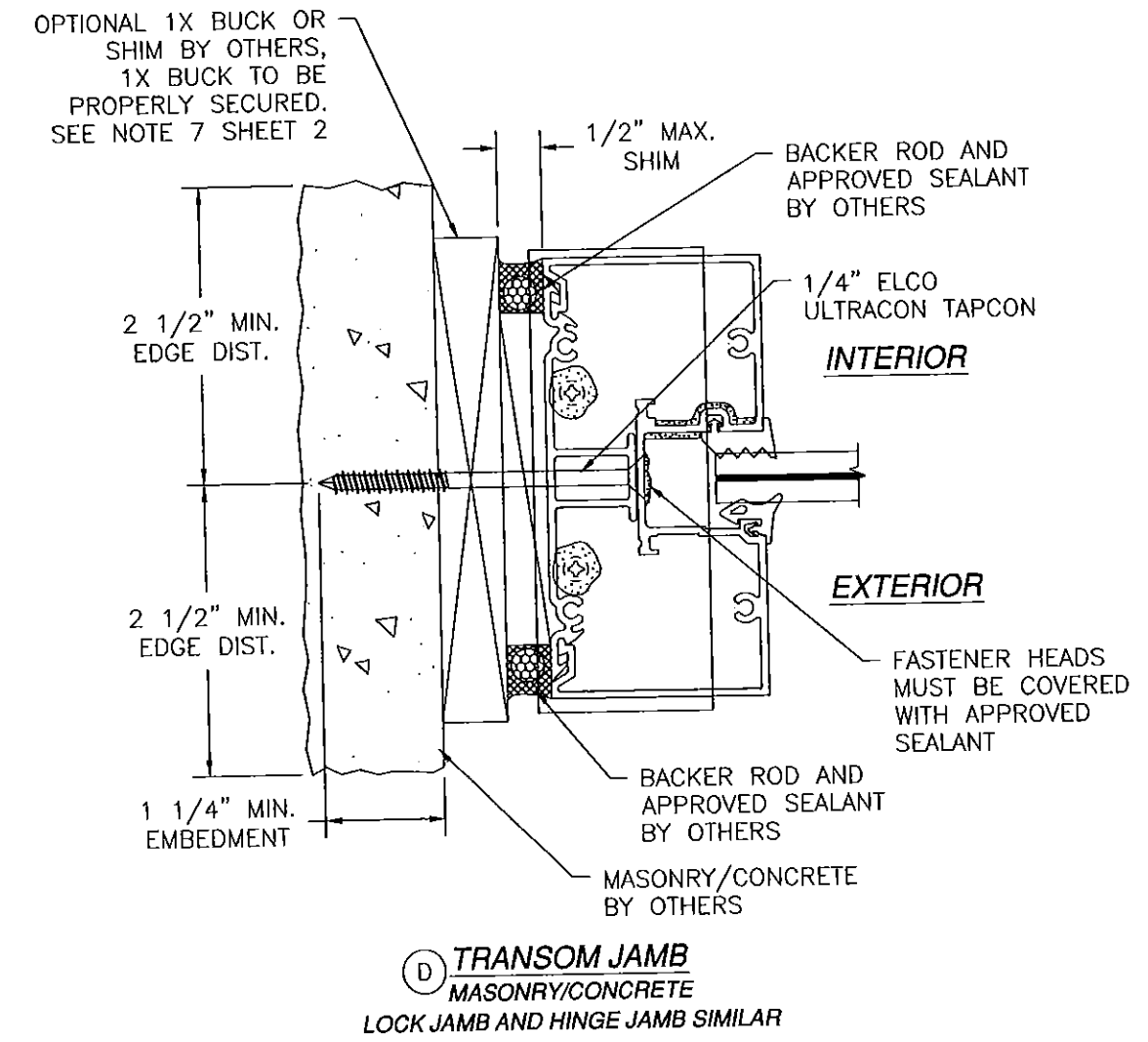
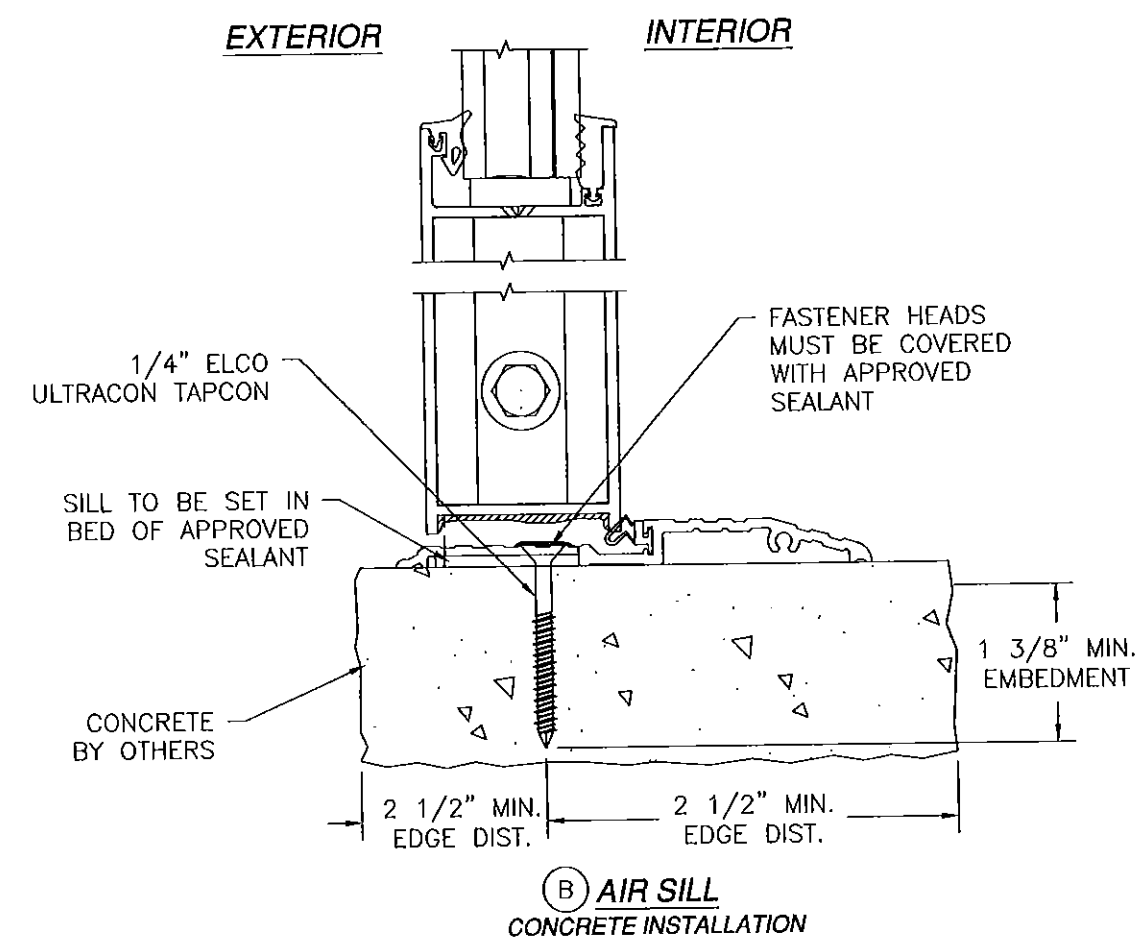
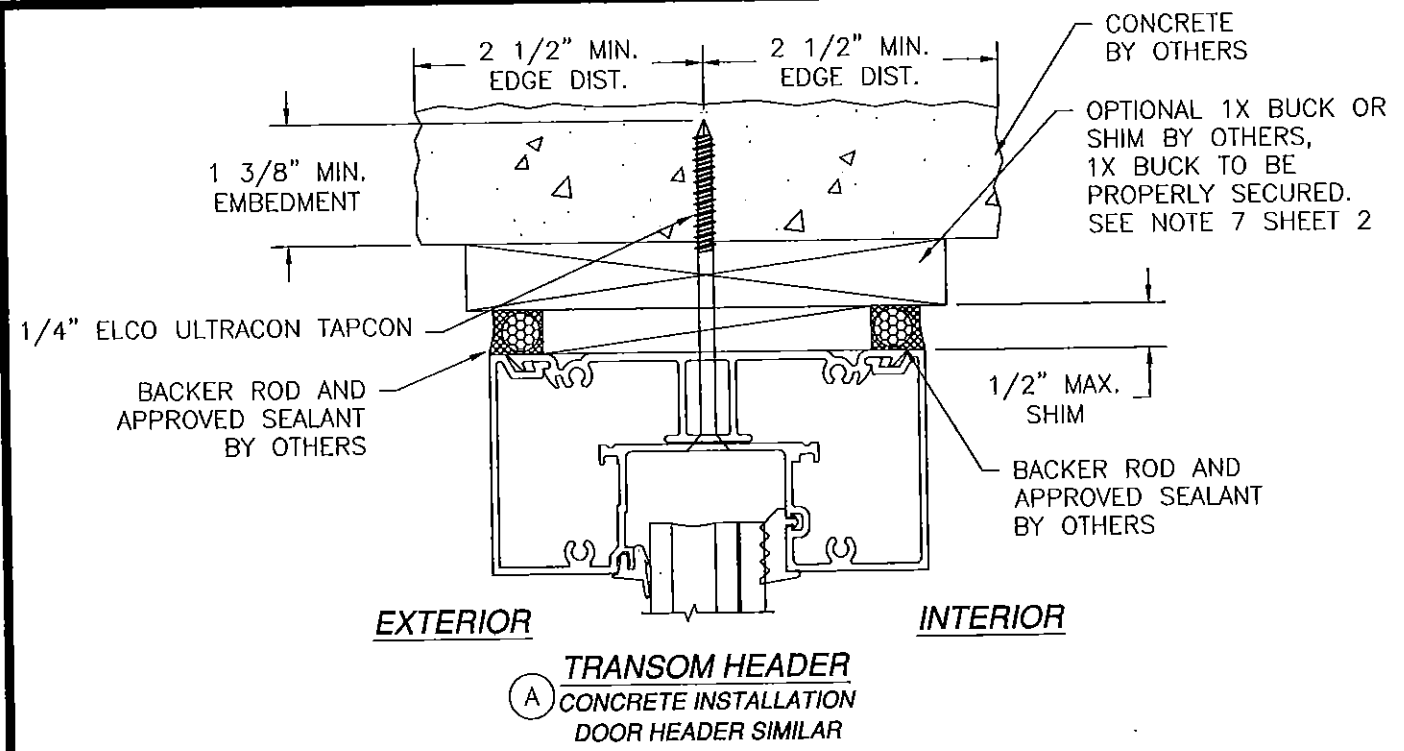
INSTALLATION DETAILS

DRAWN: TJH
 SCALE: NTS
 DATE: 09/16/09
 SHEET: 7 OF 14

DWG NO.: 08-00860
 REV: B

SIGNED: 02/03/2016

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0519.03
Expiration Date March 17, 2020
By *Manuel*
Miami Dade Product Control

US ALUMINUM

DIVISION OF C.R. LAURENCE CO., INC.

2503 E. VERNON AVE, LOS ANGELES, CA 90058

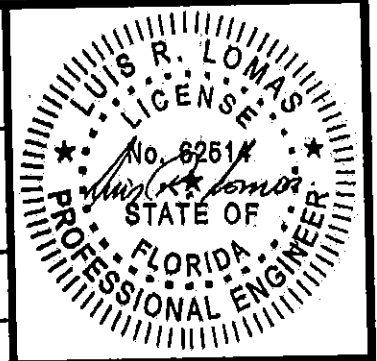
SERIES IG500/IG600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM - LMI

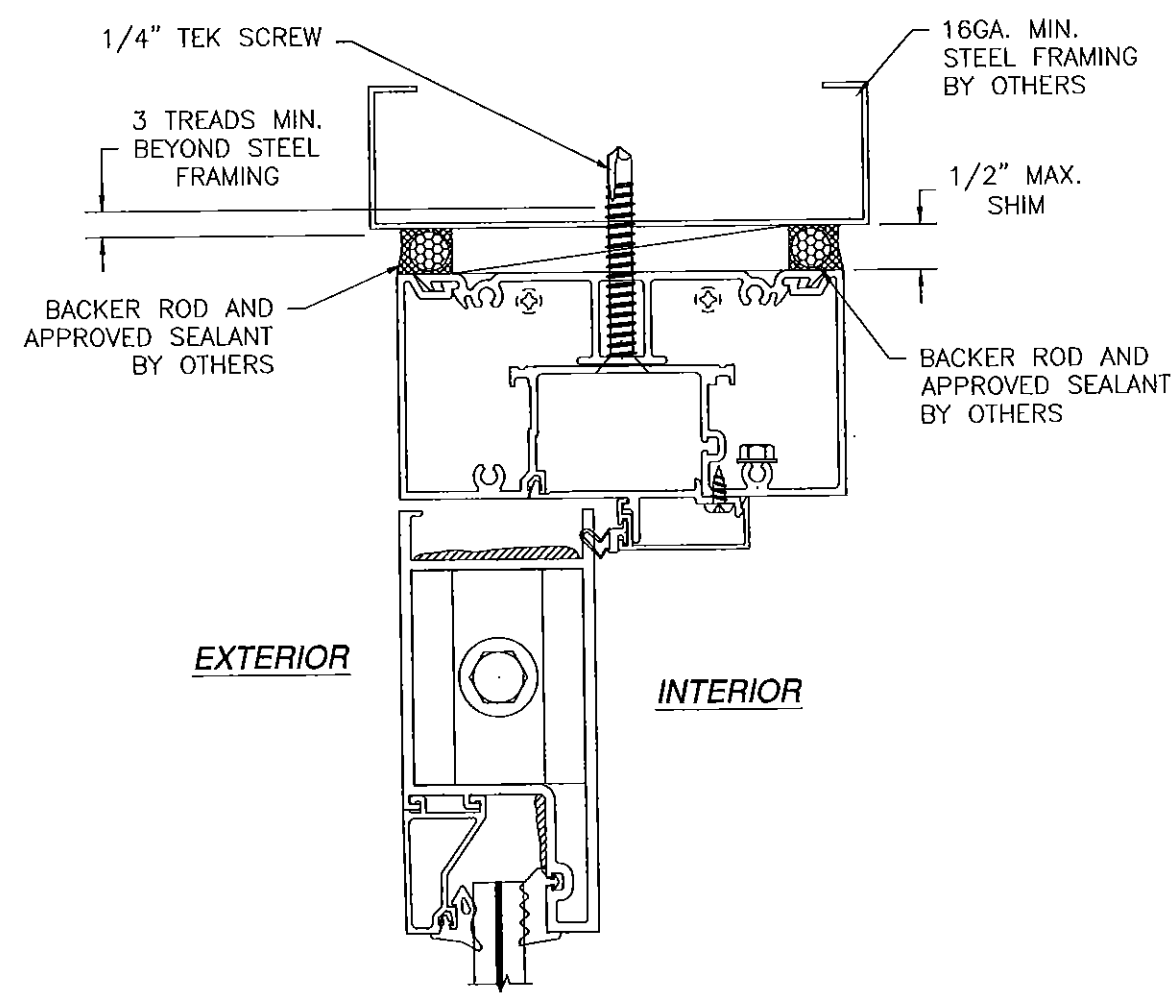
INSTALLATION DETAILS

DRAWN:	DWG NO.	REV
TJH	08-00860	B
SCALE NTS	DATE 09/16/09	SHEET 8 OF 14

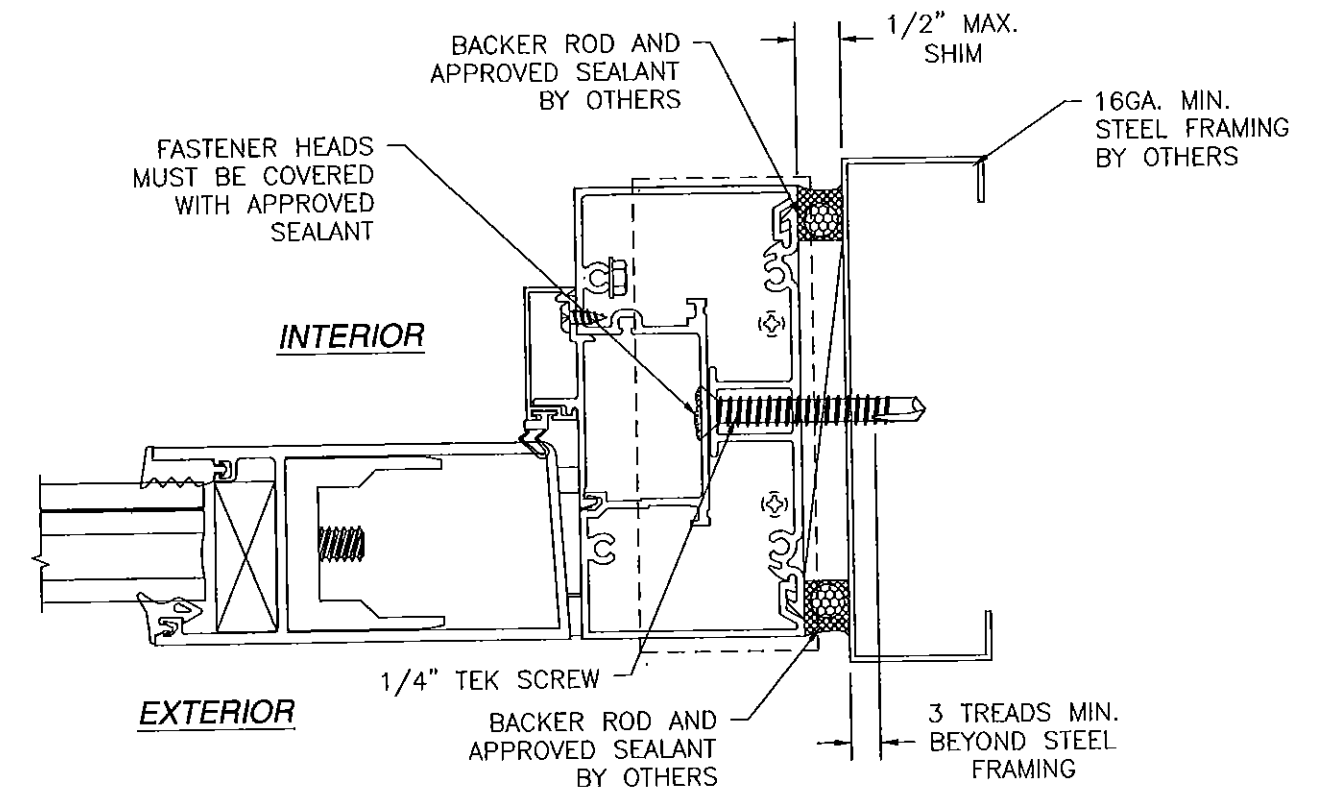
SIGNED: 02/03/2016



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



(E) **DOOR HEADER**
STEEL FRAMING INSTALLATION
TRANSOM HEADER SIMILAR



(G) **JAMB**
STEEL FRAMING INSTALLATION
TRANSOM JAMB AND HINGE JAMB SIMILAR

SIGNED: 02/03/2016

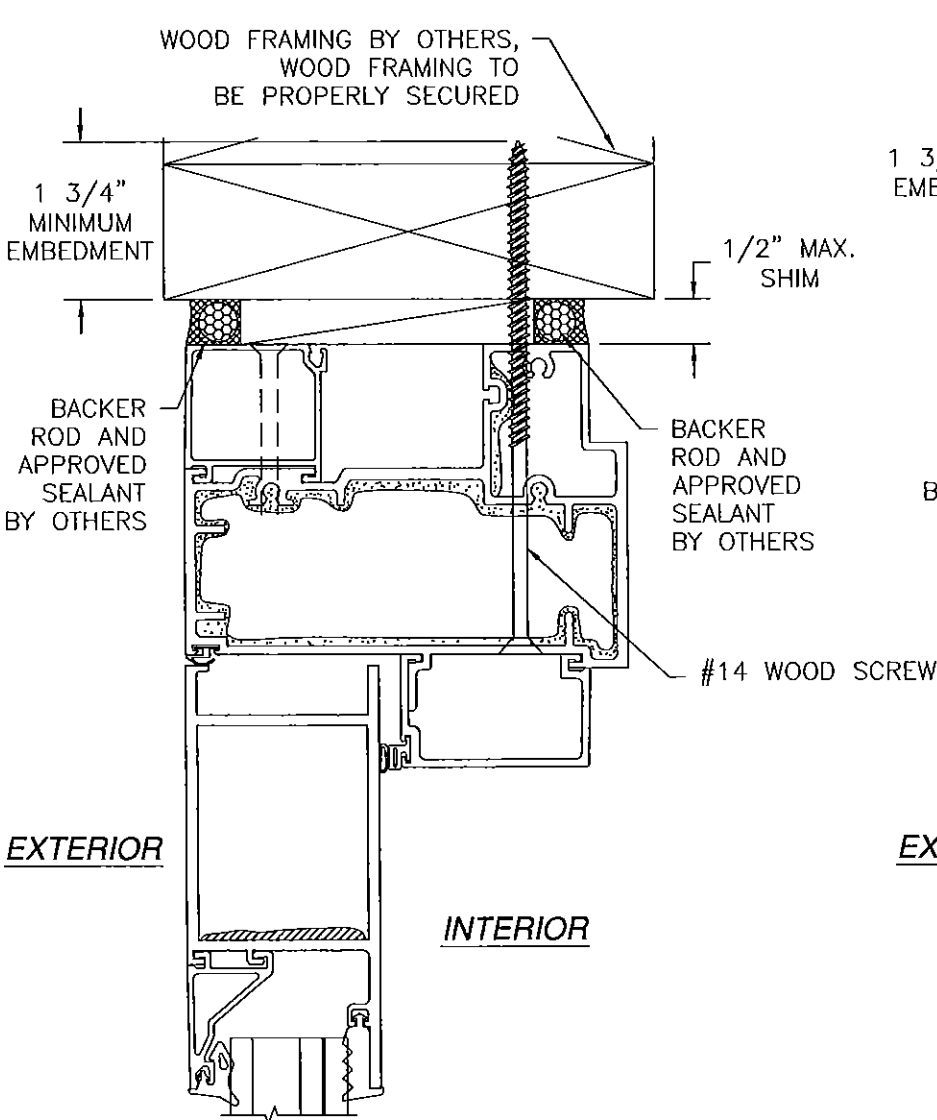
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **15-0519.03**
Expiration Date **March 17, 2020**
By *Manuel Ruiz*
Miami Dade Product Control

US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90058

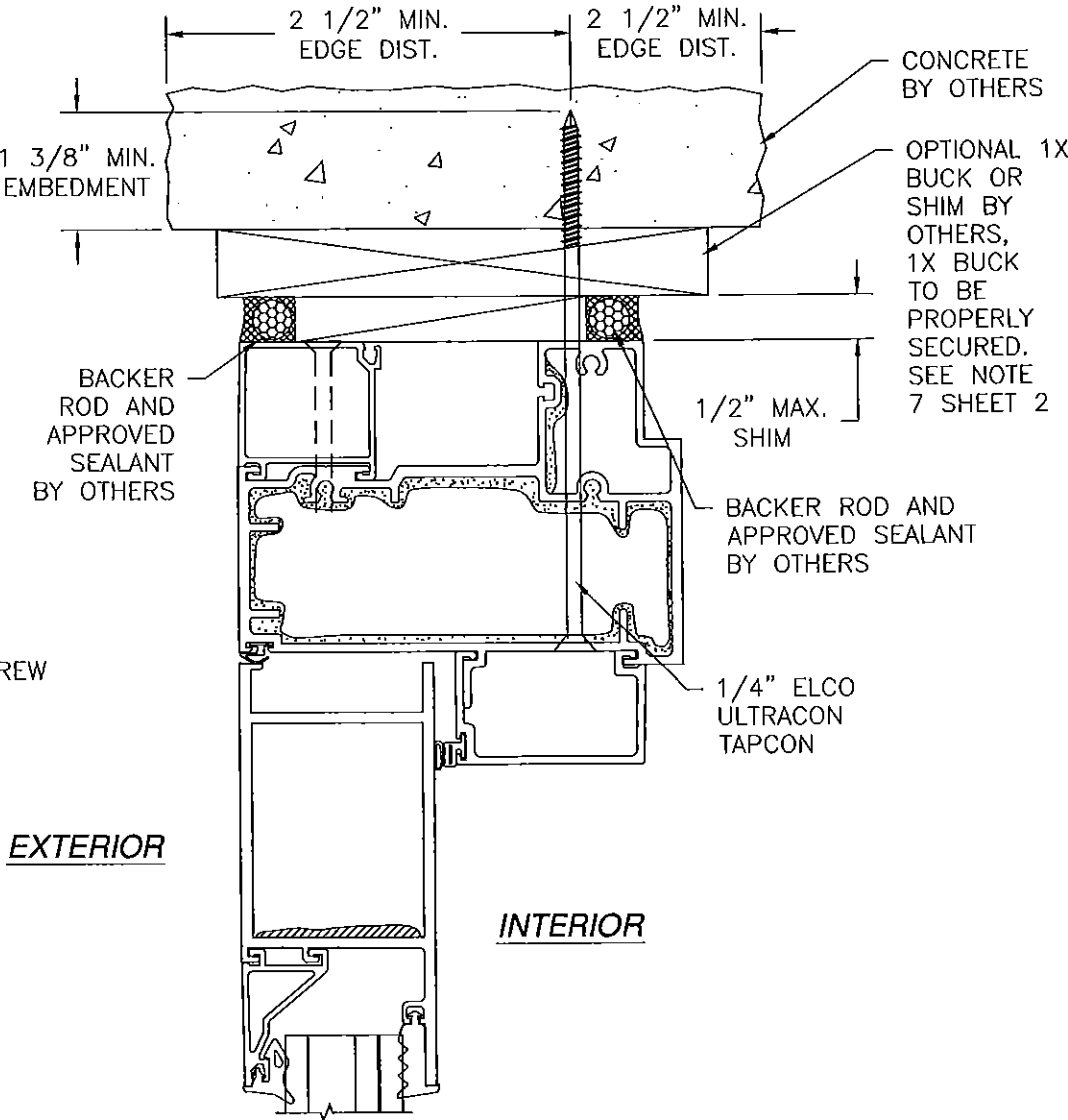
**SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM - LMI
INSTALLATION DETAILS**

DRAWN: TJH	DWG NO. 08-00860	REV B
SCALE NTS	DATE 09/16/09	SHEET 9 OF 14

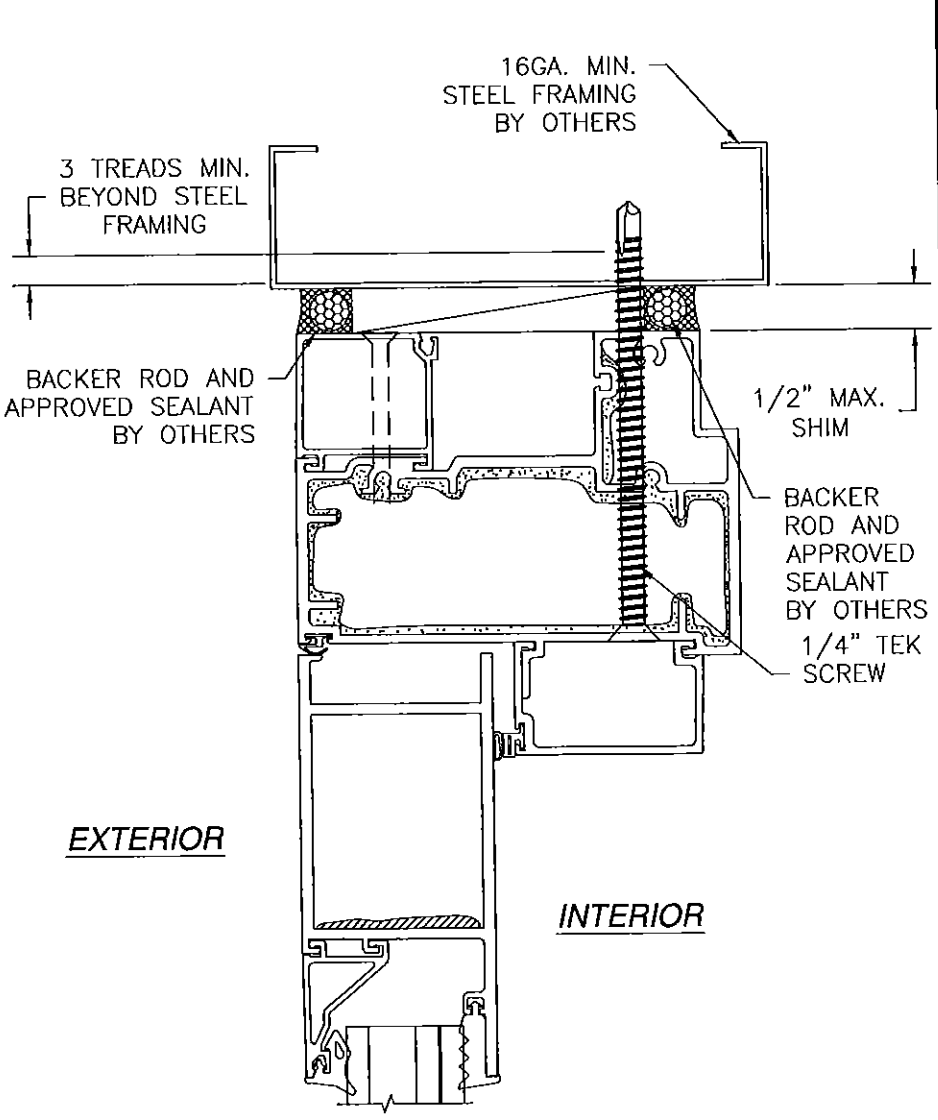
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



OPTIONAL DOOR HEADER
2X INSTALLATION



OPTIONAL DOOR HEADER
CONCRETE INSTALLATION



OPTIONAL DOOR HEADER
STEEL FRAMING INSTALLATION

SIGNED: 02/03/2016

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0519.03
Expiration Date March 17, 2020
By *Manuel Perez*
Miami Dade Product Control

US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90058
SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM - LMI
INSTALLATION DETAILS

LUIS R. LOMAS
 LICENSE NO. 82514
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

DRAWN: TJH

DWG NO. 08-00860

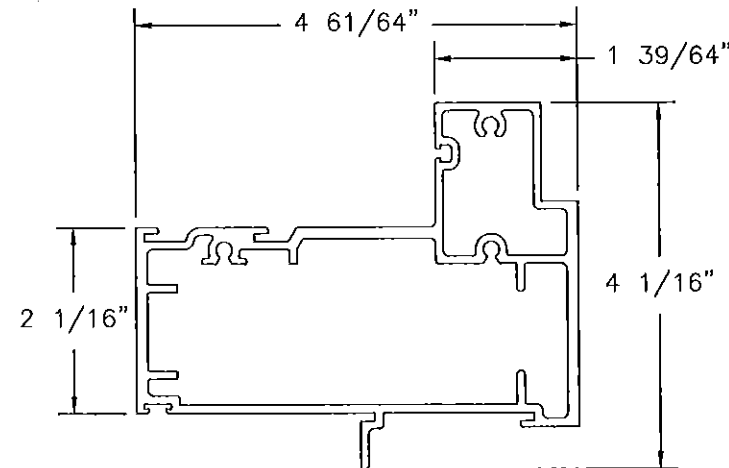
REV B

SCALE NTS

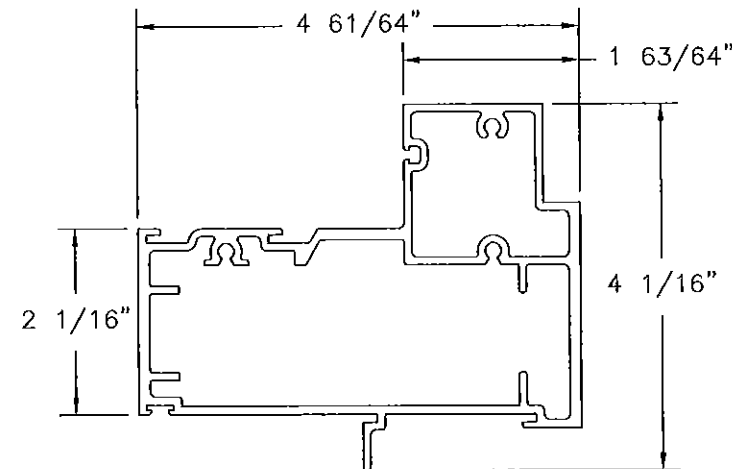
DATE 09/16/09

SHEET 10 OF 14

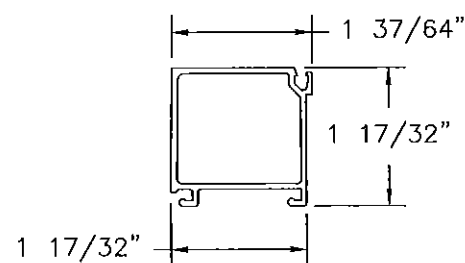
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



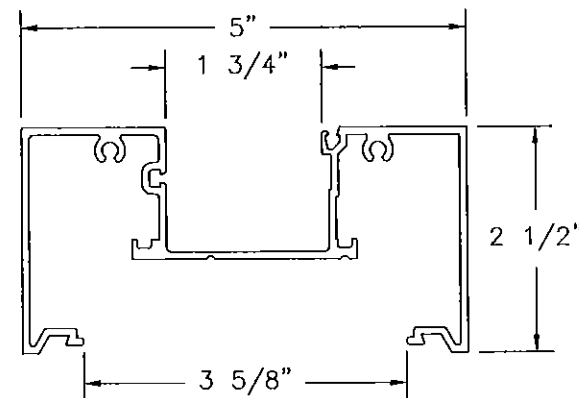
④ **HORIZONTAL MULL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



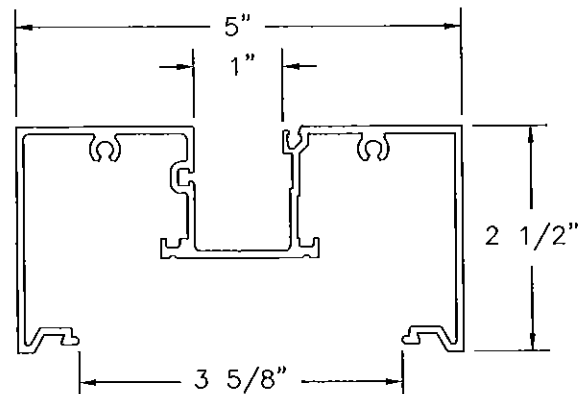
③ **HORIZONTAL MULL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



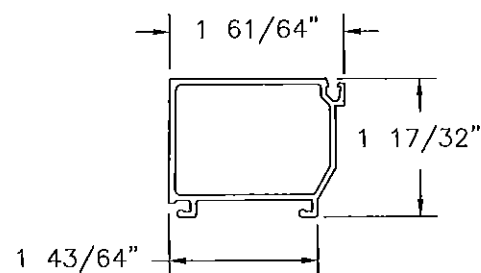
⑪ **STOP - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK



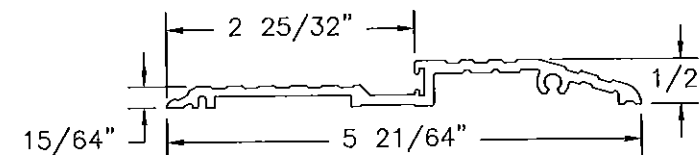
② **MAIN FRAME - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



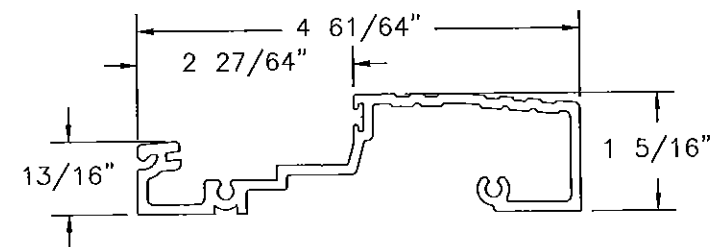
① **MAIN FRAME - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



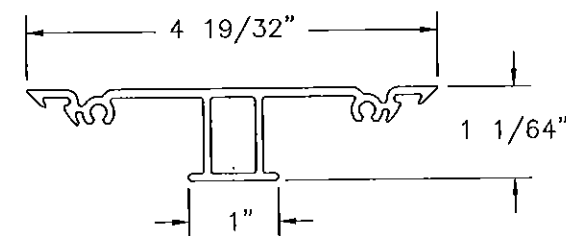
⑩ **STOP - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK



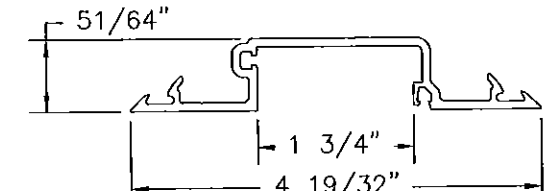
⑦ **AIR SILL**
EXTRUDED ALUMINUM 6063-T5 .109" THICK



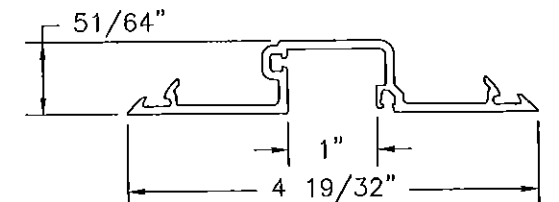
⑥ **WATER THRESHOLD**
EXTRUDED ALUMINUM 6063-T5 .109" THICK



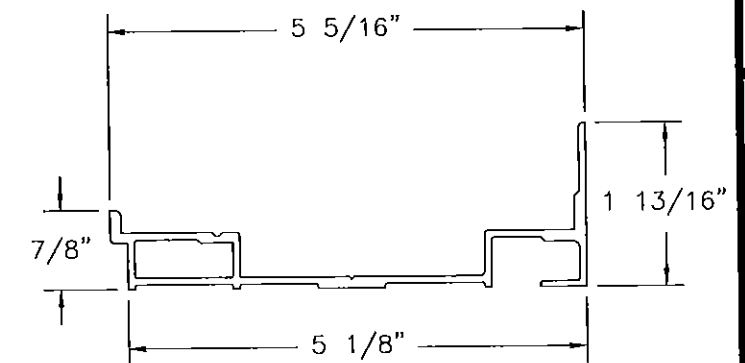
⑫ **FILLER JAMB/HEAD**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



⑨ **FILLER VERTICAL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



⑧ **FILLER VERTICAL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



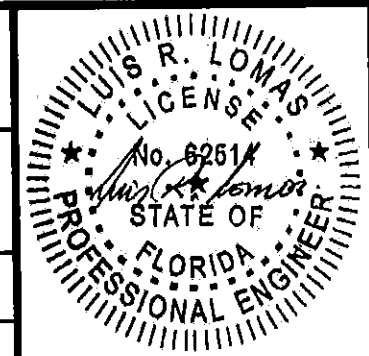
⑤ **SUB SILL**
EXTRUDED ALUMINUM 6063-T5 .075" THICK

SIGNED: 02/03/2016

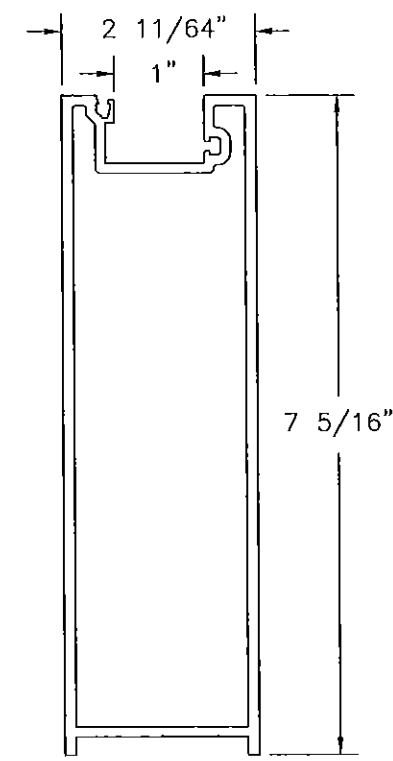
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0519.03
Expiration Date March 17, 2020
By *Manuel Sosa*
Miami Dade Product Control

US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90058
SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM - LMI
COMPONENTS

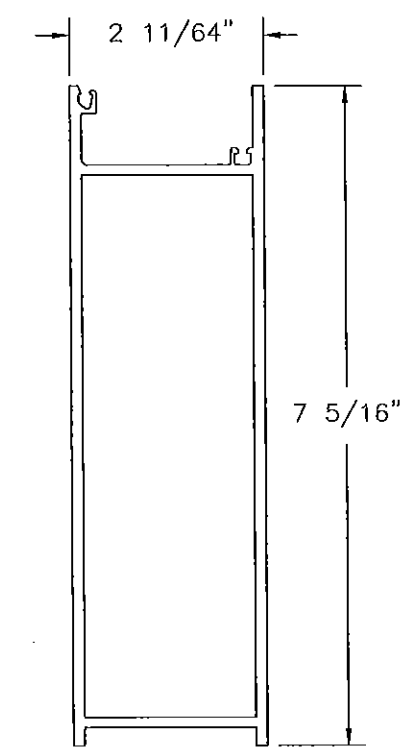
DRAWN: TJH DWG NO. 08-00860 REV B
SCALE NTS DATE 09/16/09 SHEET 11 OF 14



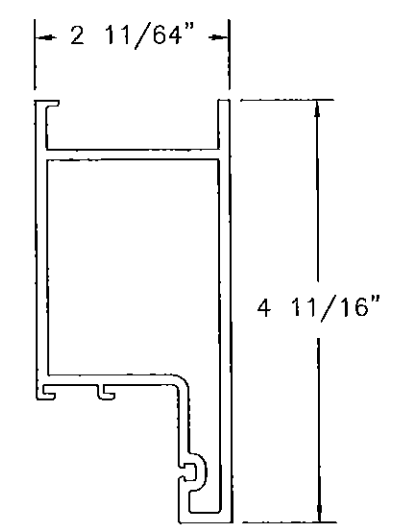
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



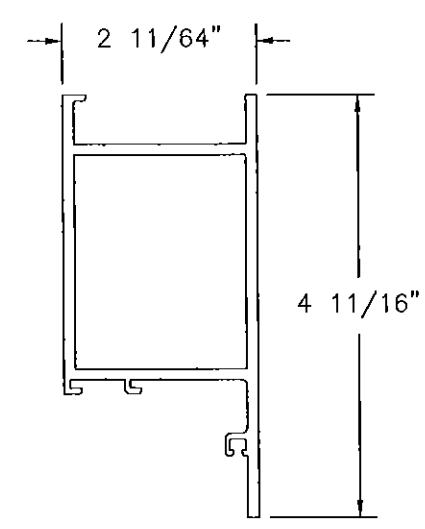
⑱ **BOTTOM RAIL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



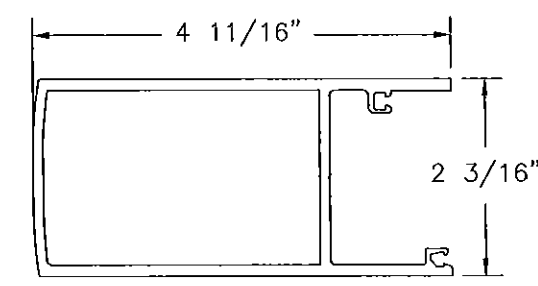
⑲ **BOTTOM RAIL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



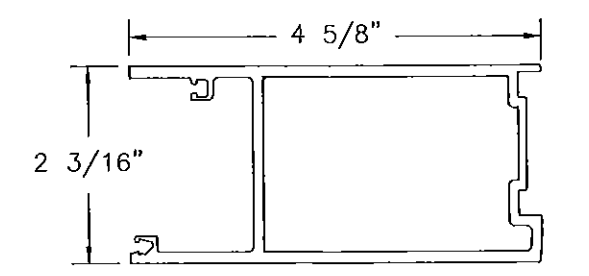
⑭ **TOP RAIL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



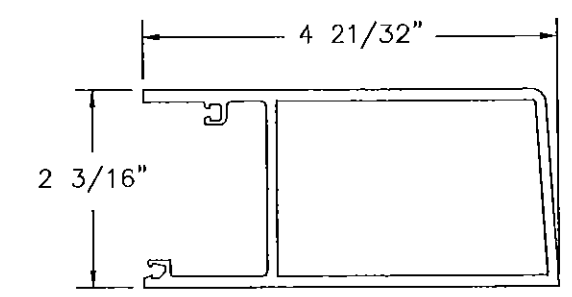
⑮ **TOP RAIL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



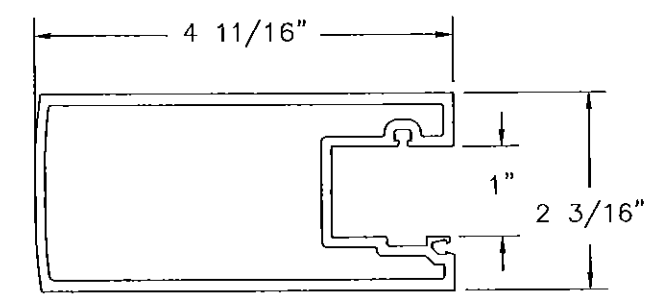
④② **LOCK STILE - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



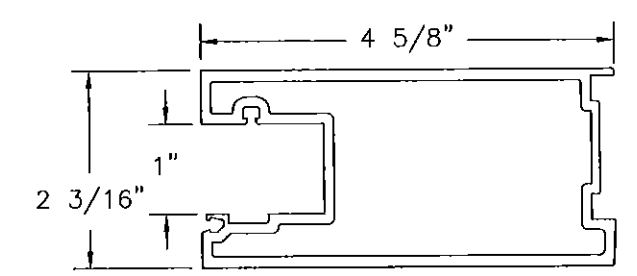
④④ **LOCK STILE - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



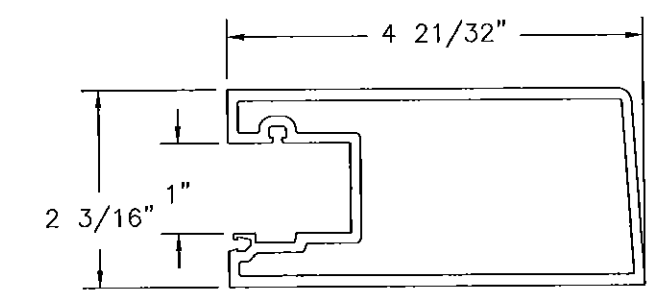
③⑥ **PLAIN STILE - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



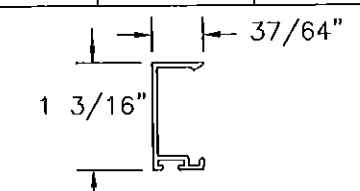
④① **LOCK STILE - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



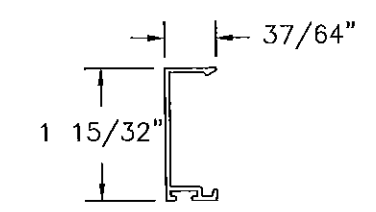
④③ **LOCK STILE - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



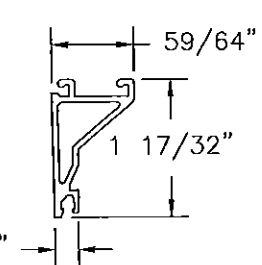
③⑤ **PLAIN STILE - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



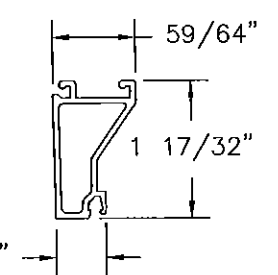
③⑦ **DOOR STOP - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .050" THICK



③⑧ **DOOR STOP - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .050" THICK



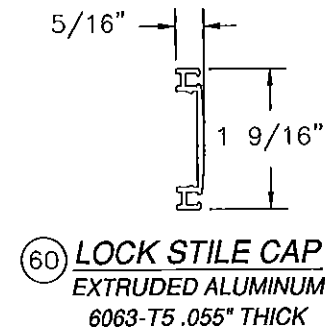
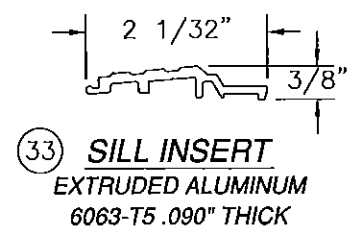
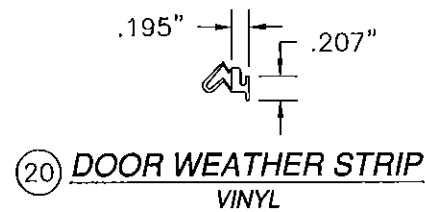
①⑦ **DOOR GLASS STOP - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK



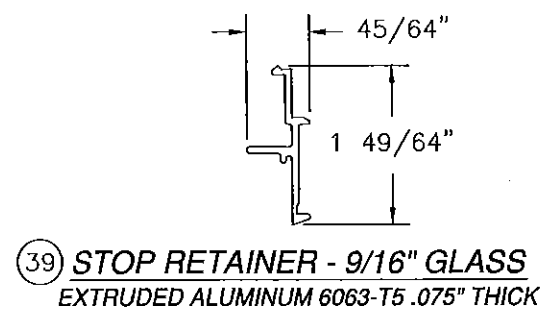
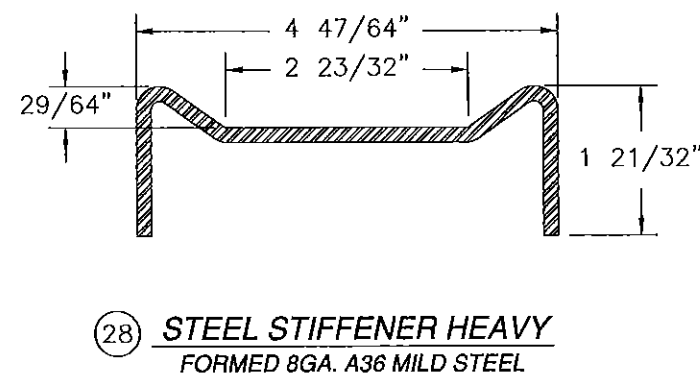
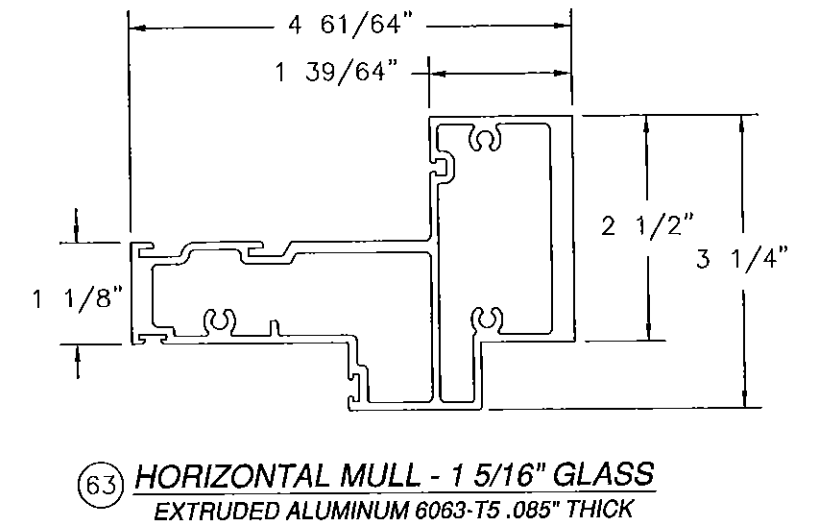
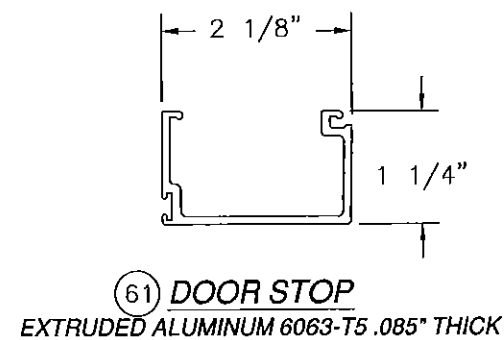
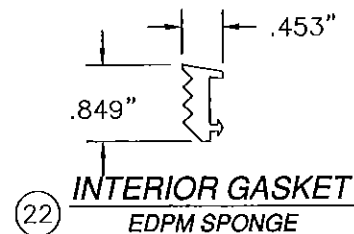
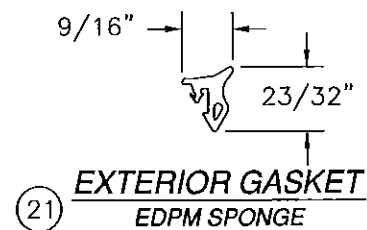
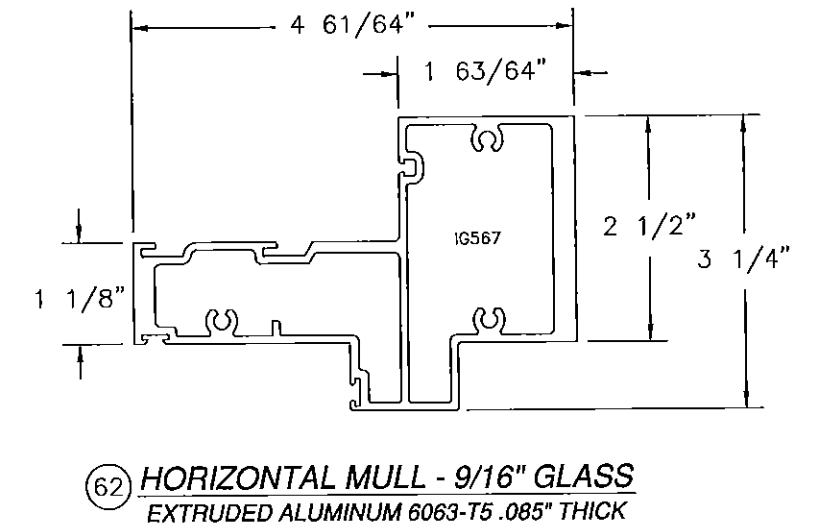
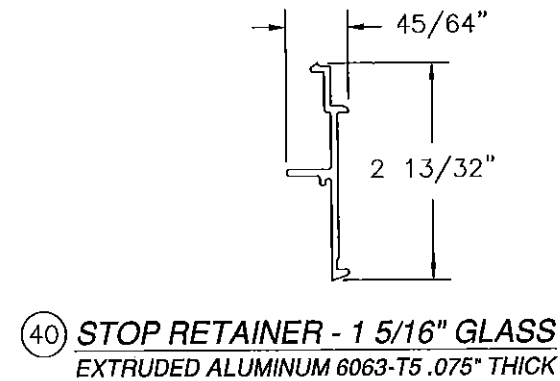
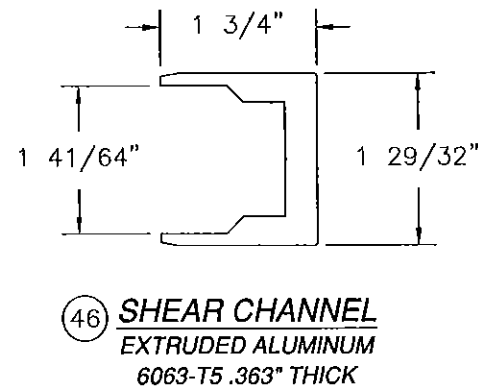
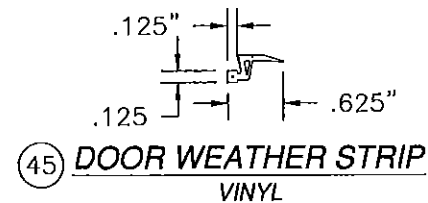
①⑥ **DOOR GLASS STOP - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK

SIGNED: 02/03/2016

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0519.03 Expiration Date March 17, 2020 By <i>Manuel Perez</i> Miami Dade Product Control		US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 2503 E. VERNON AVE, LOS ANGELES, CA 90058 SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI COMPONENTS		
DRAWN: TJH SCALE NTS		DWG NO. 08-00860 DATE 09/16/09		
		REV B SHEET 12 OF 14		



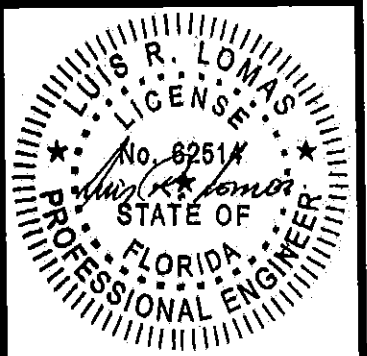
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



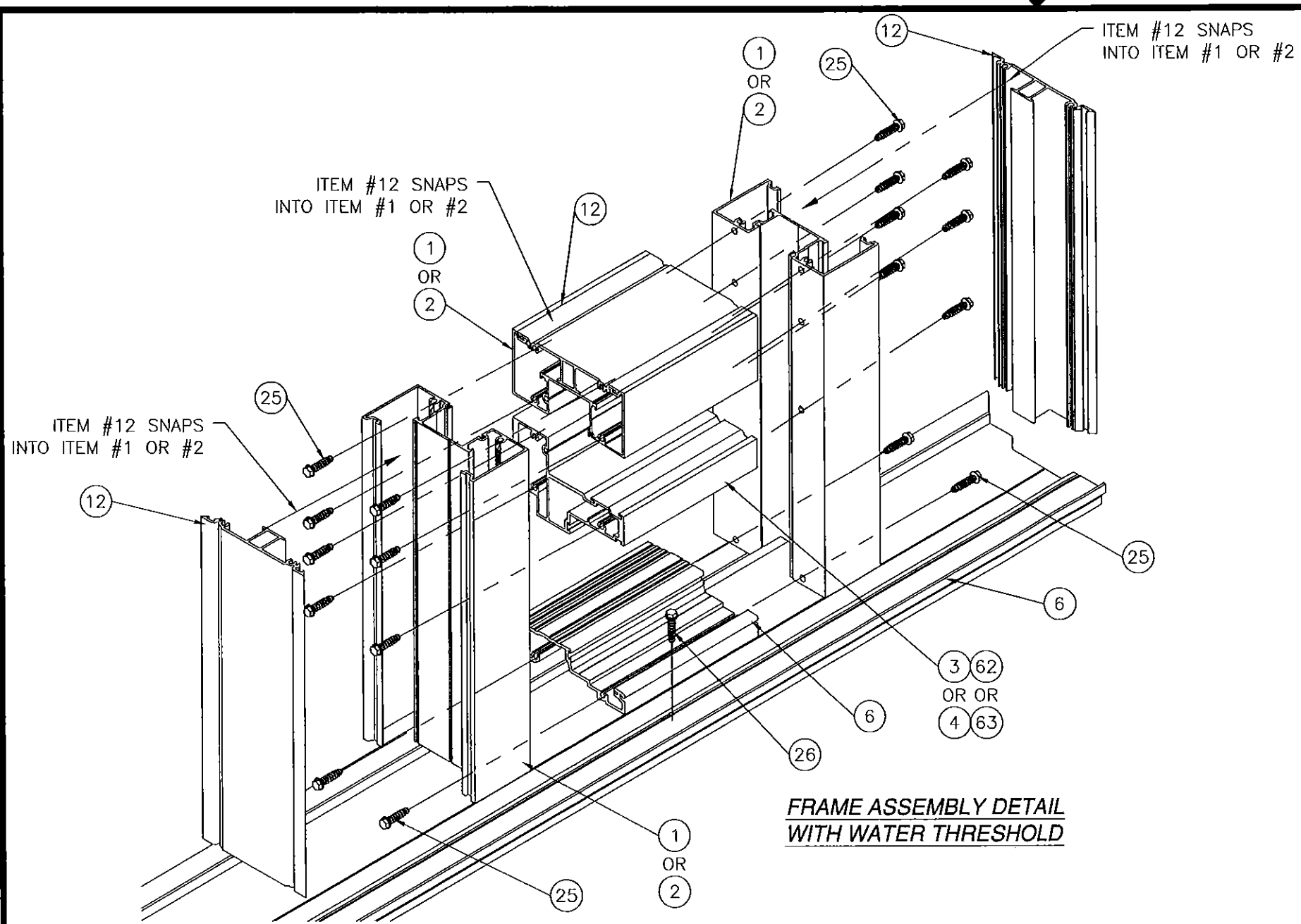
PRODUCT REVISED
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Building Code
Acceptance No. 15-0519.03
Expiration Date March 17, 2020
By *Manuel Perez*
Miami Dade Product Control

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 2503 E. VERNON AVE, LOS ANGELES, CA 90058		
SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI COMPONENTS		
DRAWN: TJH	DWG NO. 08-00860	REV B
SCALE NTS	DATE 09/16/09	SHEET 13 OF 14

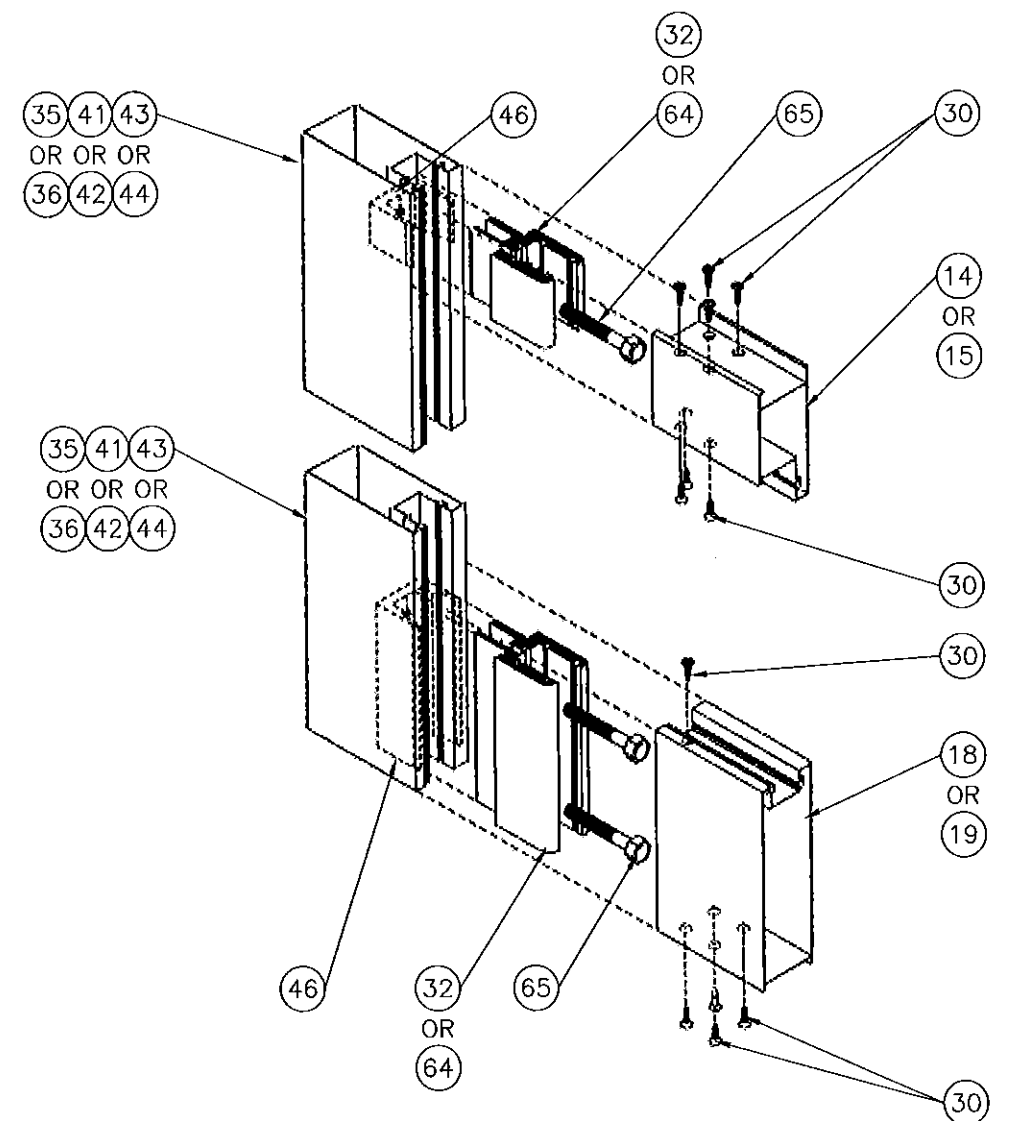
SIGNED: 02/03/2016



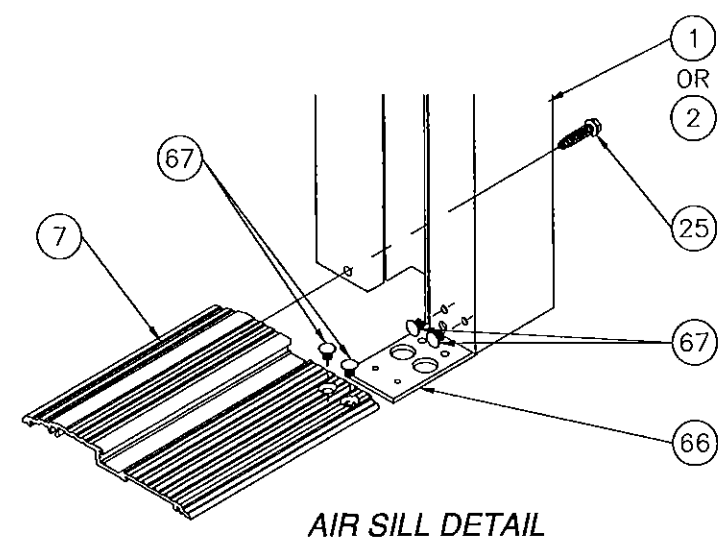
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LATER DATED 01/07/10	01/15/10	R.L.
B	CHANGED COMPANY NAME & ADDRESS	04/06/15	R.L.



FRAME ASSEMBLY DETAIL
WITH WATER THRESHOLD



PANEL ASSEMBLY DETAIL



AIR SILL DETAIL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0519.03
Expiration Date March 17, 2020
By *Manuel Perez*
Miami Dade Product Control

US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90058

SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM – LMI
PANEL AND FRAME ASSEMBLY DETAILS

DRAWN: TJH DWG NO. 08-00860 REV B

SCALE NTS DATE 09/16/09 SHEET 14 OF 14

SIGNED: 02/03/2016